

PRODUCT & SPECIFICATIONS MANUAL

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President's Message / Registration Form

Dear _____,

This updated Painting Specifications and Products Descriptions Manual contains an almost complete listing of quality products from H-Chem Industries, Inc. / Universal Paints and Coatings Philippines Inc. It contains commonly used and specialty coatings for industrial, commercial and residential applications.

This Manual was categorized in a most logical and practical manner that will make it easier for you to look for your painting requirements.

If there are other paint and coating requirements not included in this manual, our Research and Development Department will be glad to prepare the required formulation for you, as well as give you the proper method in application. Simply call us or a visit from you will be highly appreciated.

Meanwhile, we would like to request you to fill up the information sheet below and to return it to us so that we have your record. This record will serve as our basis in sending you additional filler materials for new products to up-date your file.

Domingo H. Yap
President

REGISTRATION FORM

Business Name: _____

Nature of Business: _____

☐ Developer ☐ Architect ☐ Engineer ☐ Interior designer ☐ Contractor

☐ Others: pls. specify _____

Business Owner's Name: _____

Business Address: _____

_____ Zip Code: _____

Telephone No.: _____

Fax No.: _____

Email Address: _____

Website: _____

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Company History

H-CHEM INDUSTRIES, INC. is a Manila based paint and chemical manufacturing corporation. 100% Filipino owned, it is registered with the Securities and Exchange Commission and is a charter member of the Philippine Association of Paint Manufacturers.

Company milestones by year:

- 1966 - Founded by Mr. Domingo H. Yap as a solvents re-packer. Exclusive distributor of Mobil Oil Philippines, Inc.
- 1968 - Entered into the field of paint manufacturing, producing the following brands: **Valiant** wood finishes, **Popular** house paints, and **Otto** automotive paint.
- 1985 - Began production of premium quality architectural paints.
- 1996 - Acquired the rights to manufacture and distributes Universal Paints products from the United States of America.
- 1998 - Technical partnership with the biggest chemical raw material supplier in the world, formulated, manufactured and started distribution of **AquaGuard Elastomeric Paint**.
- 2003 - Shopper's Choice Award and Marketing Excellence Award for AquaGuard Elastomeric Paint.
- 2010 - Developed **AquaShield** a cementitious elastomeric waterproofing coating.
Developed **Universal Roof Armour**, a premium quality roof paint.
- 2013 - Developed **Universal Professional Architectural Paints**, a premium quality line of architectural and contractor paints.
Patented the first 16 liter rectangular packaging in the Philippines.
- 2014 - Developed **Universal Advantage Anti-bacterial Paint**
- 2016 - Upgraded Universal Roof Armour with heat reflecting properties.
Universal Protect Series lined of paints launched.
Universal Elite Card, a loyalty and rewards program that introduce the first swipe card in the Philippine Paint Industry.
Plant upgrade to increase production capability.
Named **Universal Paints and Coatings Philippines Inc.** as the sole marketing and distribution subsidiary of H-Chem Industries, Incorporated.

With the present expansion plans generally in full swing and expected to be finish by 2017 and together with H-Chem's vision to be globally recognized as the most trusted paint and coating company in the Philippines. H-Chem Industries, Inc / Universal Paints and Coatings Philippines Inc. is confident that we will be a force in the paint industry.

PRODUCT & SPECIFICATIONS MANUAL

Foreword / Vision, Mission and Values

The Universal Architectural Specification Manual has been designed to assist architects, specification writers, maintenance engineers and others in selecting and specifying quality painting systems and products for a wide variety of surfaces.

This manual has been revised to include our newest products and to reflect the changes brought about by times. Most Universal architectural paint products are environmentally safe and conform to all government and local quality and safety standards. They are completely lead free and the dry paint film is non-toxic to children, adults and pets.

This manual is a necessary and an important guide for specifiers, architects; specify architectural engineers, specification writers, contractors and other who specify architectural finishes. A qualified Universal Paint technology sales engineer is always at your service to make recommendations for specific jobs, assist with color selections, and provide technical assistance and product information for residential, commercial and industrial applications.

VISION, MISSION AND VALUES

What we believe. This is who we are.

VISION

To be globally recognized as the most trusted paint and coating company in the Philippines

MISSION

To produce the best quality paint and coating products for our customers and ensure the best interest of our shareholders, business partners and community.

VALUES

Perseverance – despite difficulty there's a determination

Above and beyond – to do much better than necessary or expected

Integrity – being honest and fair; doing the right thing even no one is watching

Nurture – encourage growth

Trustworthiness – able to relied on as honest and always truthful

PRODUCT & SPECIFICATIONS MANUAL

Sample Painting Specifications Guide for specifiers

PART I. GENERAL

A. **GENERAL REQUIREMENTS:** All provisions of the contract and instructions to bidders shall be considered a part of this specification.

B. **SCOPE:** The contractor shall furnish all material, labor and equipment required for the preparation, painting and finishing of all surfaces shown in the drawings, plans and specifications except surfaces specifically excluded.

C. **EXCEPTIONS:** This specification does not include shop primed materials, factory finished materials, glass, porcelain or ceramic tile, or blown acoustical ceilings.

D. **REGULATORY REQUIREMENTS:** All materials used must comply with local Air Government regulations and lead content laws.

E. **COLORS:** All colors are to be selected or approved by the architect, and actual color chips shall be supplied to the contractor for matching.

F. **TESTING:** All painting systems specified shall be tested for adhesion and appearance before the job begins.

G. **MATERIAL HANDLING:** All material used shall be delivered to the job site in clean, sealed, original containers with all labels and other markings intact. Material will be stored in the area designated and all storage areas will be kept neat, clean and locked.

H. **FIRE PREVENTION:** Every precaution will be taken by the contractor to prevent fires. At the end of each day's work, all oily rags; empty containers and combustible material will be removed from the premises.

I. **PROTECTION:** The contractor will protect his own area as well as adjacent areas and materials, lawns, shrubbery and other areas not to be painted with suitable covering.

J. **CLEAN-UP:** Upon completion of the work, the contractor will remove all equipment, excess material and debris, remove all paint splatters and leave his area in a neat and orderly condition.

PART II. PRODUCTS

A. All paints, enamels, varnishes and other coatings used shall be of the brand and quality specified. Materials necessary to complete the painting and finishing schedule are specified in this manual and are standards for kind, quality and function.

PRODUCT & SPECIFICATIONS MANUAL

Sample Painting Specifications Guide for specifiers

PART III. EXECUTION

A. SURFACE PREPARATION

1. All surfaces to be painted or finished shall be thoroughly dry and cured and free of dirt, dust, grease, oil or other foreign matter.
2. All voids, cracks, nicks, etc., will be repaired appropriate patching material and finished flush with surrounding surfaces.
3. Marred or damaged shop coats on metal shall be spot primed with appropriate metal primer.
4. All hardware will be fitted and removed or protected prior to painting.
5. Steel and iron preparation may necessitate removal of mill scale and/or rust by sandblasting or sanding.
6. New aluminum and galvanized metal surfaces must receive a solvent wash prior to application of material, and test sample of the complete painting system should be applied and checked for adhesion before the job begins.

B. WORKMANSHIP

1. All work must be performed by experience skillful craftsmen to assure finished work of first class quality and durability.
2. All paints and coatings shall be mixed and applied strictly in accordance with the manufacturer's printed instructions.
3. Wood trim shall be back-primed before installation. Door and window edges shall be finished the same manner as the exterior unless otherwise specified. Interior of drawers are to be sealed unless otherwise specified.
4. All material shall be applied evenly with proper film thickness and free of runs, sags, skips and other defects. Enamels and varnishes shall be sanded lightly between coats, dusted and cleaned before recoating.
5. All work shall be done under favorable weather conditions or the work shall be suitably protected from the weather.
6. Freshly painted areas shall be properly ventilated to aid drying. Closet and cabinet doors shall be left open.

PART IV. INSPECTION

- A. All work shall be subject to approval by the architect or his authorized representative. Any work which does not conform to these specifications will be properly corrected by the contractor at his expense.#

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Surface Preparation

Surface preparation is fundamental to good painting practice. If it is done correctly, proper adhesion is obtained and the coating system gives its maximum performance. If it is neglected or if the method of preparation is poorly done, immediate or premature failure of the coating may result. Surface preparation may also be required for acceptable appearance of the coated object.

If rust or other surface or other surface contaminants are not removed, failure of the coating may result through one or more of the following mechanisms:

1. Single mechanical interference with proper adhesive contact between coating and substrate;
2. Absorption of moisture of corrosive chemicals by osmosis or by simple wicking action followed by substrate corrosion and/or film degradation. Paint failure results in either event;
3. Foreign matter substrate flaws or breaks in the coating may provide conditions for electrochemical corrosion of ferrous surfaces. In the presence of moisture and oxygen, such spots may act as cathodic half-cells. Anodic sites develop on the substrate which then dissolves and forms oxidation (corrosion) products.

Maximum coating performance requires elimination of corrosion products of foreign matters and the greatest surface uniformity.

The type of surface preparation depends upon the substrate and coating combination.

As a rule, the modern, high performance coatings are characterized by low wettability and high cohesive strength. Such types of coatings tend to pull away from a poorly prepared surface. Vinyls, epoxies and zinc-rich coatings are in this category.

Oil paints, on the other hand, are noted for their ability to tolerate poorly prepared surfaces.

Substrates such as metal, masonry and plastics differ from each other in surface preparation and coating requirements. The type of object to be painted is very important. Structural steel, for example, would tolerate harsher preparation method than would thin steel sheet.

Surface preparation may include one or more of the following steps:

1. Removal of loosely adhering foreign matters, corrosion or old paint, usually done by hand method.
2. Removal of tightly adhering foreign matters which may later loosen and destroy adhesion, or which may serve as corrosion sites. In cases such as these, power equipment or chemical treatment is usually required.
3. Creation of surface roughness (etching, profile anchor pattern) to ensure mechanical adhesion.

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Surface Preparation

4. Modification of the surface by chemical treatment to make it more compatible with the coating.

Ideally, a superior method (such as sandblasting and surface conditioner) should be used to obtain maximum performance from any coating. However slow drying, good wetting coatings may be used successfully on hand-cleaned surfaces which had a minimum of preparation. Certain oleoresinous and alkyd maintenance paints would be of this type. Air dry epoxies, polyurethane coatings, the short oil alkyds and baked systems require better surface preparation. This may include sandblasting, chemical cleaning or the use of a surface conditioner. As a rule, catalyzed epoxies and vinyls require better surface preparation like sandblasting or the use of surface. High built mastics, whether applied to masonry or metal usually requires a well roughened surface and sandblasting is normally necessary.

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Surface Preparation

Surface Preparation as applied to various new and previously painted substrates

A. For new surfaces:

1. Wood : Surfaces must be dry, clean, and free of any foreign impurities like dirt, oil, wax, etc. which may impair adhesion. Apply one full coat of sealer and primer (interior) or exterior wood primer. Patch surface imperfections like cracks, dents, and holes with glazing putty. Allow to dry and sand smooth before applying 2 coats of the preferred / recommended finish coat.
2. Concrete : All areas to be painted must be free from dirt, oil, wax and other impurities which may impair adhesion. May be applied directly after concrete has been cured for one week. Patch all holes, dents, cracks and imperfections with concrete putty. Allow to dry and sand smooth applying 2 coats of the preferred / recommended finish coat.
3. Metal : All areas to be painted must be dry and free from oil, dirt, wax and other impurities. Remove rust by scraping, wire brushing, sanding. Then apply one coat of Rust converter. Allow 20-30 minutes reaction time, the wash surfaces with high pressured or pressure hosed clean water. Let dry then wipe with clean rag wetted with washing thinner. Apply immediately one full coat of the preferred / recommended primer. Let dry for 12 hours, then sand before applying one to two coats of the preferred / recommended finish coats.
4. Metal (G.I. Sheets): Surfaces must be dry and free from dirt, oil or wax. New G.I. Sheet should be treated with Universal AquaShield to ensure maximum adhesion. If the metal surface is well weathered, clean the surface with high pressured water, let dry and rinse/wipe with clean rags wetted with washing thinner. Apply two coats of Universal Roof Armour. For oil-based finish, apply one full coat of preferred enamel or epoxy primer before applying one to two coats of Portland cement paint.
5. Ceramics, & Tegula: Surfaces must be dry and free from dirt, oil, wax and other impurities. Clean the surface with pressure-hosed water. Let dry then wipe with clean rags wetted with washing thinner. Apply two to three coats of water based topcoat with at least 2-3 hours drying time in between coats.
6. Aluminum : Surfaces must be dry, clean and free from foreign matters which may negatively affect adhesion. Clean surfaces with lacquer thinner then light sand to reduce gloss before

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Surface Preparation

application. Surfaces should be roughened for better adhesion. Apply one coat of zinc chromate. Allow overnight drying, then apply two to three coats of the preferred / recommended finish coats.

B. For Previously Painted Surfaces:

1. Wood :
- Scrape and clean thoroughly all loose, peeling off and chalky paint, dust, and all other foreign substances thoroughly.
 - If the painted surface is hard or glossy, it should be roughened and sanded before application of the preferred / recommended finish coat.
 - If the painted surface is in good condition, clean the surfaces from all foreign matters, then apply one to two coats of the preferred / recommended topcoat.
 - If painted surface is in bad condition, remove paint to bare substrate, then apply one full coat of wood primer. Let dry and sand. Patch all holes, cracks and imperfections with Universal glazing Putty or chemotite woodfiller. Allow overnight drying and sand smooth before applying one to two coats of the preferred/recommended topcoat.
 - If the painted surface is chalky, wire brush or sand the surface thoroughly then apply one full coat of wood primer. Let dry and sand then apply two coats of the preferred / recommended topcoat.
 - In cases of mapping substrates, (leaking pipes or rain water), clean and sand the surface then apply one to two coats of concrete sealer or acrylic emulsion clear sealer. Let dry for 24 hours before applying one to two coats of the preferred / recommended finish coats.
2. Metal :
- Surfaces must be clean, dry, and free from oil or grease and other impurities. Remove loose paint, blisters, rust and dirt by scraping; wire brushing sanding or sandblasting to bright metal. Apply one coat of rust converter. Allow 20-30 minutes reaction time. Cleanse thoroughly with high-pressured or pressure-hosed clean water. Let dry, then wipe with clean rag wetted with washing thinner. Avoid hand contact with the cleaned and reacted substrate prior to application of the coating, as rust will develop again. Apply immediately one to two coats of the recommended / preferred primer. Let dry for at least 12-16 hours but preferably overnight. Light sand before applying two coats of the preferred / recommended finish coat.
- Metal surfaces that are in good condition must be cleaned and sanded thoroughly, then wiped with clean rag wetted with washing thinner. Apply one to two coats of the preferred / recommended finish coat.

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Surface Preparation

3. Metal (G.I. Sheets): Surfaces must be dry, clean and free from foreign matters that may negatively affect adhesion.
- If the painted surface is in good, clean the surface with high-pressured or pressure-hosed clean water. Let dry and wipe with clean rags. Apply one to two coats of preferred / recommended finish coat.
 - If the surface is chalky, remove chalk by wire-brushing and sanding, then clean the surface with high-pressured water. Let dry then wipe with clean rags. Apply one to two coats of preferred / recommended finish coat.
 - If the surface is rusty and in bad condition, remove rust by wire brushing or sandblasting. Apply one coat of rust converter. Allow 20-30 minutes reaction time, then wash surfaces with high-pressured or pressure-hosed clean water. Let dry then wipe/rinse with clean rags wetted with washing thinner. Apply one full coat of metal primer red or gray oxide. Let dry overnight. Lightly sand before applying one to two coats of the preferred / finish coats.

4. Concrete : Surfaces must be dry, clean and free from foreign matters that may impair adhesion.
- If surface is in good condition, rinse the surface with clean water to remove dirt, grease, wax or any impurities. Let dry then apply two coats of the preferred / recommended finish coat.
 - If surface is in bad condition, remove paint to bare substrate by wire brushing, scraping, sanding. Patch all holes, crack sand imperfections with concrete putty. Let dry, then light sand before applying at least 2 coats of the preferred / Universal Paint recommended finish coat.

5. Aluminum : Surfaces must be free from dirt, oil, grease and other impurities.
- Scrape and clean all loose paint, dust and other impurities thoroughly. Wash with high pressured or pressure-hosed clean water. Let dry then wipe with clean rags before applying at least two coats of the preferred / recommended finish coat.

C. For Lacquered Surfaces:

1. New Wood

- a. Duco Finish: Surfaces must be dry, clean and free-from dirt, oil, wax, grease and other surfaces impurities. Apply one coat of lacquer primer surfacer. Let dry and sand until smooth. Patch all surface imperfections such as cracks, nail holes,

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Surface Preparation

etc. with successive coats of lacquer glazing and spot putty until smooth. Let dry then sand. Apply one coat of lacquer primer surface. Let dry then lightly sand before applying at least 2-3 coats of the preferred / recommended finish coat.

- b. Varnish : Surfaces must be dry, clean and free from dirt, oil, wax, grease and other surface impurities. Patch surface imperfections like nail holes, cracks, etc. with either chemotite wood filler or paste wood filler. Let dry and light sand until smooth. Apply one coat of paste wood filler premixed with preferred Sinclair Valiant Wood Stain. Apply 2 or more full coats of sanding sealer until woodgrain is closed. Let dry then lightly sand before applying at least 2 or more coats of the preferred / recommended clear topcoat.

2. Previously Painted Surfaces:

- a. Wood : To refinish repainted or lacquered surfaces, first, remove the old finish with lacquer thinner or paint remover. Remove any residual wax, dirt, oil, grease and other surface impurities. Sand and clean surfaces with clean rags. Apply one coat of lacquer primer surfacer. Let dry then sand. Patch all surface imperfections with successive coats of lacquer glazing & spot putty until smooth. Let dry then sand. Apply one coat of lacquer primer surface. Let dry and sand before applying at least 2 coats of the preferred / recommended finish coat.
- b. Metal : Surfaces must be dry, clean and free from dirt oil, wax and other impurities. Remove rust by scraping, wire brushing, sanding or sandblasting. Allow 20-30 minutes reaction time. Then wash surfaces with high pressured or pressure-hosed clean water. Let dry then wipe with clean rags wetted with washing thinner. Avoid hand contact with the cleaned substrate prior to application of the coating as rust will develop again. Apply one coat of the preferred epoxy primer or lacquer primer surfacer. Let dry for 12-16 hours but preferably overnight, then sand. Patch all imperfections with successive coats of lacquer glazing & spot putty until smooth. Apply one coat of lacquer primer surfacer. Let dry and sand before applying 2 coats of the preferred / recommended finish coat.

Be careful when scraping or sanding old paint as these may contain lead dust.

LEAD IS TOXIC!

Always use the proper PPE when scraping paint.

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Substrate to Paint Quick Guide

WOOD SURFACES EXTERIOR Specifications

WOOD SURFACES EXTERIOR	PRODUCT SHEEN AND TYPE	FINISHING SCHEDULE		PRODUCT DESCRIBED ON PAGE
SASH TRIM DOORS BASEBOARDS MOULDINGS	PAINTED			
	Flat	1st Coat: Universal Professional Flatwall Enamel Or: Universal Plus Flatwall Enamel Finish Coats: Universal Professional Flatwall Enamel Or: Universal Plus Flatwall Enamel		124-125 150-151 124-125 150-151
	Gloss Alkyd	1st Coat: Universal Professional Flatwall Enamel Finish Coats: Universal Professional Flatwall Enamel		124-125 124-125
	STAINED			
	Oil, Semi-Transparent	1st & 2nd Coat: Valiant NGR Wood Stain Or: Valiant Lacquer Sanding Sealer Or: Valiant Clear Gloss Lacquer		132-133 146-147 140-141
	Flat Acrylic, Solid Cover	1st & 2nd Coat: Valiant Lacquer Primer Or: Valiant Lacquer Spot Putty Or: Valiant Automotive Lacquer		136-137 138-139
	CLEAR			
	Gloss Spar Varnish	1st & 2nd Coat:		
	PAINTED			
	Flat Acrylic (including Accent Colors)	1st Coat: Otto Acrylic Primer White Or: Otto Acrylic Spot Putty Finish Coats: Otto Acrylic Topcoat		176-177 178-179 180-181
HARDBOARD	Semi-Gloss Acrylic (including Accent Colors)	1st Coat: Finish Coats: Or:		
	Gloss Alkyd	1st Coat: Finish Coats:		

Note: This is a recommendation only. Please call 997-8777 and speak to your Technical Representative.

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Substrate to Paint Quick Guide

MASONRY SURFACES EXTERIOR Specifications

MASONRY SURFACE EXTERIOR	PRODUCT SHEEN AND TYPE	FINISHING SCHEDULE	PRODUCT DESCRIBED ON PAGE
	PAINTED		
	Flat Acrylic Semi-Gloss Gloss	1st Coat: Universal BaseCoat Or Universal Professional Flat Latex Finish Coats: Universal Professional Flat Latex Or Universal Professional Semi-gloss Latex Or Universal Professional Gloss Latex Or Universal Plus Flat Latex Or Universal Plus Semi-gloss Latex Or Universal Plus Gloss Latex	41-42 47-48 47-48 51-52 53-54 77-78 79-80 81-82
MASONRY, CEMENT, CHB BRICK, PLASTER, STUCCO	PAINTED		
	Oil, Semi-Transparent	One Coat: Universal Professional Uni-Tile Clear	65-66
	PAINTED		
	Flat Acrylic (including Accent Colors)	1st Coat: Universal Professional Uni-Tile Primer Finish Coats: Universal Professional Uni-Tile Topcoat Flat Or Universal Professional Uni-Tile Topcoat Semi-gloss Or Universal Professional Uni-Tile Topcoat Gloss	55-56 59-60 61-62 63-64
	Acrylic Elastomeric Coating	1st Coat: Universal AquaGuard Satin Sheen White Finish Coats: Universal AquaGuard Satin Sheen Color	89-90 89-90
	NATURAL		
	Clear Water Repellent	2 Coats: Or	
	PAINTED		
	Flat Acrylic (including Accent Colors)	1st & Finish Colors: Or Or Or	
	NATURAL		
	Clear Water Repellent	2 Coats: Or	

Note: This is a recommendation only. Please call 997-8777 and speak to your Technical Representative.

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METAL SURFACES EXTERIOR Specifications

METAL SURFACES EXTERIOR	PRODUCT SHEEN AND TYPE	FINISHING SCHEDULE	PRODUCT DESCRIBED ON PAGE
	PAINTED		
STEEL IRON	Flat Alkyd (including Accent Colors)	1st Coat: Otto Metal Pro Metal Primer Red Oxide Or Finish Coats: Otto Metal Pro Epoxy Primer Universal Professional Quick Dry Enamel	162-163 158-159 126-127
	Semi-Gloss Alkyd Enamel (including Accent Colors)	1st Coat: Otto Metal Pro Metal Primer Red Oxide Finish Coats: Universal Professional Semi-gloss Enamel	162-163
	Gloss Alkyd Enamel	1st Coat: Otto Metal Pro Metal Primer Red Oxide Finish Coats: Universal Professional Quick Dry Enamel	162-163 126-127
	Gloss Industrial Alkyd Enamel	1st Coat: Otto Metal Pro Epoxy Primer Finish Coats: Valiant Automotive Enamel	158-159 170-171
	Shop Prime	1st Coat: Or	
	PAINTED		
GALVANIZED METAL ALUMINUM	Flat Alkyd (including Accent Colors)	1st Coat: Otto Metal Pro Epoxy Primer Galva shield Yellow Finish Coats: Universal Professional Quick Dry Enamel	158-159 126-127
	Semi-Gloss Acrylic Enamel (including Accent Colors)	1st Coat: Finish Coats: Or	
	Gloss Alkyd Enamel	1st Coat: Finish Coats:	
	Gloss Industrial Alkyd Enamel	1st Coat: Otto Metal Pro Epoxy Primer Galva shield Yellow Finish Coats: Valiant Automotive Enamel	158-159 170-171

Note: This is a recommendation only. Please call 997-8777 and speak to your Technical Representative.

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Substrate to Paint Quick Guide

ROOFS, EXTERIOR Specifications

ROOFS EXTERIOR	PRODUCT SHEEN AND TYPE	FINISHING SCHEDULE	PRODUCT DESCRIBED ON PAGE
	STAINED		
WOOD SHINGLES	Oil, Semi-Transparent	One Coat:	
GRAVEL AGGREGATE COMPOSITION ASPHALT POLYURETHANE FOAM	PAINTED		
	Elastomeric	1st Coat: Otto Metal Pro Metal Primer Red Oxide Finish Coats: AquaGuard Elastomeric Paint *For best results use AquaShield as primer topcoat with AquaGuard Elastomeric Paint	162-163 89-92 95-96
Metal	Gloss	1st Coat: Otto Metal Pro Epoxy Primer Galva shield Yellow Finish Coats: Universal Roof Armour	158-159 102-103

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Substrate to Paint Quick Guide

FLOORING Specifications

FLOORING	PRODUCT SHEEN AND TYPE	FINISHING SCHEDULE	PRODUCT DESCRIBED ON PAGE
	PAINTED		
CONCRETE FLOOR	Epoxy	1st Coat: Universal Floor Master Epoxy Deep Penetrating Sealer	104-105
		2nd Coat: Universal Floor Master Epoxy Primer	106-107
		Finish Coats: Universal Floor Master Epoxy Topcoat	108-109
		1st Coat: Universal Floor Master Epoxy Self-Leveling Primer Sealer	112-113
		Finish Coats: Epoxy Self-Leveling Topcoat	114-115
	Gloss Alkyd Enamel	1st Coat: Or Finish Coats:	
	Gloss Industrial Alkyd Enamel	1st Coat: Or Finish Coats:	
	Gloss Industrial Water Reducible Enamel	1st Coat: Or Finish Coats:	
PARKING LOT & TRAFFIC LINE STRIPING	PAINTED		
	Alkyd	One Coat: Universal Road Master Traffic Paint 2nd Coat: Universal Road Master Traffic Paint	120-123 120-123
ATHLETIC FIELD MARKING PAINTS	PAINTED		
	Concrete	1st Coat: Universal Floor Master Epoxy Deep Penetrating Sealer 2nd Coat: Universal Floor Master Epoxy Primer Finish Coats: Universal Chlorinated Rubber Based (CRB)	104-105 106-107 110-111

PRODUCT & SPECIFICATIONS MANUAL

Substrate to Paint Quick Guide

MASONRY INTERIOR SURFACES Specifications

MASONRY INTERIOR SURFACES	PRODUCT SHEEN AND TYPE	FINISHING SCHEDULE	PRODUCT DESCRIBED ON PAGE
	PAINTED		
POURED CONCRETE STUCCO PLASTER BRICK HARD WALL CONCRETE BLOCK SPLIT FACE BLOCK CINDER BLOCK PUMICE BLOCK	Flat Vinyl Acrylic	1st Coat: Or Finish Coats: Or Or	
	Flat Acrylic (including Accent Colors)	1st Coat: Or Finish Coats: Or	
	Eggshell Latex Enamel	1st Coat: Or Or	
	Satin Latex Enamel	1st Coat: Or Finish Coats: Or	
	Gloss Acrylic Latex Enamel	1st Coat: Or Finish Coats:	
	Semi-Gloss Acrylic Latex Enamel (including Accent Colors)	1st Coat: Or Finish Coats: Or	
	Eggshell Alkyd Enamel	1st Coat: Or Finish Coats:	
	Semi-Gloss Alkyd Enamel	1st Coat: Or Finish Coats:	
	Gloss Alkyd Enamel	1st Coat: Or Finish Coats:	
ACOUSTICAL PLASTER ACOUSTICAL TILE	PAINTED		
	Flat Vinyl	1 st & Finish Coats:	
FACTORY CEILING AND SIDE WALLS: PLASTER	PAINTED		
	Flat Latex	One Coat: Or	

PRODUCT & SPECIFICATIONS MANUAL

Substrate to Paint Quick Guide

WOOD INTERIOR SURFACES Specifications

WOOD INTERIOR SURFACES	PRODUCT SHEEN AND TYPE	FINISHING SCHEDULE	PRODUCT DESCRIBED ON PAGE
	PAINTED		
POURED CONCRETE STUCCO PLASTER BRICK HARD WALL CONCRETE BLOCK SPLIT FACE BLOCK CINDER BLOCK PUMICE BLOCK	Flat Alkyd (including Accent Colors)	1st Coat: Universal Professional Flatwall Enamel Or Universal Plus Flatwall Enamel Finish Coats: Universal Professional Flatwall Enamel Or Universal Plus Flatwall Enamel	124-125 150-151 124-125 150-151
	Eggshell Latex Enamel	1st Coat: Or Finish Coats: Or	
	Satin Latex Enamel	1st Coat: Or Finish Coats: Or	
	Semi-Gloss Alkyd Enamel	1st Coat: Finish Coats:	
	Semi-Gloss Acrylic Enamel (including Accent Colors)	1st Coat: Or Finish Coats: Or Or	
	Gloss Alkyd Enamel	1st Coat: Or Finish Coats:	
	Gloss Enamel	1st Coat: Universal Professional Flatwall Enamel Or Universal Plus Flatwall Enamel Finish Coats: Universal Professional Quick Dry Enamel Or Universal Plus Quick Dry Enamel	124-125 150-151 126-127 152-153
DOORS TRIM CABINETS PANELING BEAMS CEILINGS	STAIN WITH A CLEAR FINISH		
	Clear Varnish Matte Flat Satin Eggshell Gloss	1st Coat: Finish Coats: Or Or	
	Clear Lacquer Matte Flat Satin Gloss	1st Coat: 2nd Coat: Finish Coats: Or Or	

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WALL BOARD INTERIOR SURFACES

Specifications

WALL BOARD INTERIOR SURFACES	PRODUCT SHEEN AND TYPE	FINISHING SCHEDULE	PRODUCT DESCRIBED ON PAGE
	PAINTED		
DRY WALL TEXTURED DRYWALL SHEET ROCK GYPSUM BOARD PLASTER BOARD	Flat Vinyl Acrylic	1st & Finish Coats:	
	Flat Acrylic (including Accent Colors)	1st & Finish Coats: Or	
	Eggshell Latex Enamel	1st Coat: Finish Coats:	
	Satin Latex Enamel	1st Coat: Finish Coats: Or	
	Alkyd Eggshell Enamel	1st Coat: Finish Coats:	
	Semi-Gloss Alkyd Enamel	1st Coat: Finish Coats:	
	Semi-Gloss Acrylic Enamel (including Accent Colors)	1st Coat: Finish Coats: Or Or	
	Gloss Alkyd Enamel	1st Coat: Finish Coats: Or	

PRODUCT & SPECIFICATIONS MANUAL

Substrate to Paint Quick Guide

METAL INTERIOR SURFACES

Specifications

METAL INTERIOR SURFACES	PRODUCT SHEEN AND TYPE	FINISHING SCHEDULE	PRODUCT DESCRIBED ON PAGE
	PAINTED		
STEEL IRON GALVANIZED METAL ALUMINUM	Flat Acrylic (including Accent Colors)	1st & 2nd Coat: Finish Coats: Or	
	Eggshell Latex Enamel	1st & 2nd Coat: Finish Coats: Or	
	Satin Latex Enamel	1st & 2nd Coat: Finish Coats:	
	Eggshell Alkyd Enamel	1st Coat: Finish Coats:	
	Semi-Gloss Alkyd Enamel	1st Coat: Finish Coats:	
	Semi-Gloss Acrylic Enamel (including Accent Colors)	1st & 2nd Coat: Finish Coats: Or	
	Gloss Alkyd Enamel	1st Coat: Finish Coats:	
	Gloss Industrial Alkyd Enamel (not to be specified or architectural use in California. For industrial use only.)	1st Coat: Finish Coats:	
	Gloss Industrial Acrylic Latex Enamel	1st Coat: 2nd & 3rd Coat:	
METAL FACTORY CEILINGS	PAINTED		
	Flat Latex	1st Coat: Finish Coats:	

PRODUCT & SPECIFICATIONS MANUAL

Substrate to Paint Quick Guide

FLOORS INTERIOR SURFACES

Specifications

FLOORS INTERIOR SURFACES	PRODUCT SHEEN AND TYPE	FINISHING SCHEDULE	PRODUCT DESCRIBED ON PAGE
	PAINTED		
MASONRY CONCRETE	Satin Latex	1st Coat: 2nd Coat:	
	NATURAL		
	Clear Gloss		
WOOD	PAINTED		
	Gloss Alkyd	1st Coat: 2nd Coat:	
	STAINED		
	Oil, Semi-Transparent	One or more Coats:	
	CLEAR		
	Gloss Urethane	1st Coat: Finish Coats:	
METAL	PAINTED		
	Satin Latex	1st Coat: Finish Coats:	
	Gloss Alkyd	1st Coat: Finish Coats:	

PRODUCT & SPECIFICATIONS MANUAL

Surface to Paint Type Matrix

TYPE OF SURFACE	FIND PAINTING SPECIFICATIONS ON PAGE:	
	(Interior)	(Exterior)
Acoustical Plaster		
Acoustical Tile		
Aggregate Roofs		
Aluminum		
Block, Concrete		
Brick		
Cabinets, Metal		
Cabinets, Wood		
Cedar Paneling		
Ceiling		
Ceilings, Masonry		
Ceilings, Metal		
Ceilings, Wood		
Cinder Block		
Composition Roofs		
Concrete Block		
Concrete Floors and Decks		
Concrete, Poured		
Concrete, Tilt-up		
Decks, Concrete		
Decks, Metal		
Decks, Wood		
Doors		
Doors, Metal		
Doors, Wood		
Drywall		
Ducts, Metal		
Factory Ceilings, Wood		
Floors		
Floors, Concrete		
Floors, Metal		
Floors, Wood		
Roofs		
Galvanized Metal		
Gravel Roofs		
Gypsum Board		
Hand Rails, Metal		
Hardboard		
Hardwall		
Iron		

*Anti Bacterial Elastomeric

PRODUCT & SPECIFICATIONS MANUAL

Surface to Paint Type Matrix

TYPE OF SURFACE	FIND PAINTING SPECIFICATIONS ON PAGE:	
	(Interior)	(Exterior)
Machinery, Metal		
Masonite		
Masonry		
Metal		
Metal Cabinets		
Metal Ducts		
Metal Equipment		
Metal Fire Escapes		
Metal, Iron and Steel		
Metal Pipes		
Metal Tanks		
Paneling, Wood		
Partitions, Metal		
Partitions, Metal		
Pipes, Metal		
Plaster		
Plaster, Acoustical		
Plaster Board		
Plywood, Regular		
Poured Concrete		
Roofs, Aggregate		
Roofs, Asphalt		
Roofs, Composition		
Roofs, Gravel		
Rough Sawn Wood		
Sash, Metal		
Sash, Wood		
Shingles, Wood		
Steel		
Stucco		
Textured Drywall		
Tile, Acoustical		
Tile, Unglazed		
Tilt-up Concrete		
Traffic Line Striping		
Trim, Wood		
Unglazed Tile		
Wood Doors		
Wood Floors		
Wood Paneling		
Wood Shingles, Shakes		
Wood Siding		
Wood Trim		

PRODUCT & SPECIFICATIONS MANUAL

Paint Industry Terminology

ABRASIVE Any material used in rubbing or wearing away the surface, such as wire brush, sand paper or pumice stone.

ADHESION In painting, the bonding of the coating to the surface on which applied.

AIR DRY The simplest method of drying which is done at ordinary temperatures.

ALKYD A combination of synthetic materials and various vegetable oils like linseed, soya, tung, etc., producing clear, hard resins.

ALLIGATORING (PD) An incomplete form of peeling where the paint cracks into large segments, the edges of which break away from the surface while the center remains attached. Due usually to repeated applications of new coats over old coats no longer firmly adherent.

ANTI-BACTERIAL PAINT An antimicrobial surface contains an antimicrobial agent that inhibits or reduces the ability of microorganisms to grow on the surface of a material. A coating may be applied to a surface that has a chemical compound which is toxic to microorganism.

ANTI-CORROSIVE PAINT A rust-inhibiting paint which is applied directly to metal surfaces.

ANTI-FOULING PAINT A special formulation intended to prevent fouling of underwater structures, such as bottoms of ships. It prevents the growth of marine life which retards the ship's speed.

ARCHITRAVE The molding around a rectangular opening as a door or window.

BARGE BOARD An often ornamented board that conceals roof timbers projecting over gables.

BASEBOARD / SKIRTING A molding covering the joint of a wall and the adjoining floor.

BATTEN / COVER STRIP A thin narrow strip of lumber used to seal or reinforce a joint.

BINDER The non-volatile portion of paint, such as oil or varnish, that promotes cohesion of pigment particles.

BLEEDING (PD) The diffusing of coloring matters through a coating from the substrate; also discoloration resulting from such diffusion.

BLISTERING (PD) Formation of blisters or pustules on a coating, which may be due to underlying spots of grease, sap or moisture, to excessive heat, or to direct exposure heat, or to direct exposure to the sun during the drying process.

BLUSHING Cloudiness on the surface finish caused by poor or improper drying conditions.

BRUSHABILITY The ease with which a paint can be brushed on to any surface under normal conditions.

CALSOMINE A white or tinted wash that consists of glue, whiting or zinc white, and water that is used especially on plastered surfaces.

CEMENTITIOUS having the properties of cement

COULKING COMPOUND A plastic material used to waterproof joints or to fill fissures around doors, windows, etc. Comes in gun-type for application by a special gun, and in knife-type, for application by a putty knife.

CHALKING (PD) Paint defect characterized by film decomposing into loose powder on the surface.

CHECKING (PD) Defect in paint film surface wherein short, narrow cracks or small squares resembling a check board are formed.

PD – Paint Defect

PRODUCT & SPECIFICATIONS MANUAL

Paint Industry Terminology

CORROSION (PD) Destruction of metal by chemical or electro-chemical reaction with its environment.

CRACKING/CRAZING (PD) The formation of cracks in a surface coated with varnish or enamel caused by lack of elasticity in the film.

CRAWLING (PD) The inability of the paint to flow smoothly and evenly on the surface.

DAMP Moist but not wet; no dribbling or discrete water droplets.

DEADENING (PD) Loss of sheen of paint film which may be due to defective undercoats or improper filling of the wood.

DRIER A composition which accelerates drying of oil, paint, printing ink, or varnish. Driers are usually metallic compositions and are available in both solid and liquid forms.

DRYING OIL Oil possessing the property of readily taking the oxygen from the air and changing to a relatively hard, tough, elastic substance when exposed in a thin film to the air.

DRY TO TOUCH A condition in which applied paint is dry enough to be touched lightly without any of it sticking to the fingers.

DUST-FREE A condition of paint film in which dust no longer clings to it.

EAVES The lower border of a roof that overhangs the wall.

EFFLORESCENCE (PD) Powdery crust that forms on masonry surfaces due to soluble salt deposits.

ELASTOMERIC is a polymer with viscoelasticity (having both viscosity and elasticity) and very weak inter-molecular forces, generally having low Young's modulus and high failure strain compared with other materials.

EMULSION A fluid formed by the suspension of one liquid in another, like an oily substance held in suspension in a watery liquid.

ENAMEL A special type of paint made with lacquer or varnish as vehicle and which flows out to a smooth coat when applied and dries to a glossy finish.

ENVIRONMENTAL FRIENDLY / ECO are marketing sustainability terms referring to goods and services, laws, guidelines and policies that inflict reduced, minimal, or no harm upon ecosystems or the environment.

EXTENDER A substance added to a product especially in the capacity of a diluents, adulterant or modifier.

FASCIA BOARD A horizontal piece covering the joint between the top of a wall and the projecting eaves.

FILLER A preparation used to fill the pores and grains of wood or other surface cracks before painting or varnishing.

FLAKING (PD) Paint defect in which the film breaks into small pieces and fall off.

FLATTENING AGENT A material added to paints, varnished, etc., to reduce to reduce gloss of the film.

FLATWALL PAINT A type of interior paint which dries into a dull flat finish.

FLOOR VARNISH A special type of varnish designed for use on floors.

GABLE The vertical triangular end of a building from cornice or eaves to ridge.

GLOSS Luster, sheen. The property of a surface by which it reflects light specularly.

GRAIN RAISING Swelling of the wood fibers by water.

PD – Paint Defect

PRODUCT & SPECIFICATIONS MANUAL

Paint Industry Terminology

GRINNING (PD) A condition in which the base or undercoat shows through the finishing paint film.

HIDING POWER Ability of a paint to obscure the surface over which it is applied. Usually expressed in terms of square feet per gallon.

LACQUER Clear or colored synthetic organic coatings that typically dry to form a film by evaporation of the solvent, usually a solution of a cellulose derivative like nitrocellulose.

LEAD FREE Something such as petrol or paint which is lead-free, is made without lead, or has no lead added to it

LEVELLING Formation of a smooth film on horizontal or vertical surface, regardless of the application method used. A good levelling film is free of brush marks, runs and sags.

LINSEED OIL A yellowish drying oil obtained from flax-seed and used especially in paint, varnish, printing ink and linoleum.

LINTEL A horizontal architectural member spanning and carrying the load above an opening, usually doors and windows.

LIQUID WOOD FILLER Low viscosity varnished used as first coating on open grained wood to seal the surface for the succeeding coats of varnish.

MAINTENANCE PAINTING Repainting or touch-up of structures, in service, that have been previously painted.

MARINE FINISHING Paints or varnishes especially formulated for use on ships and other marine crafts and which protects the surfaces immersed in salt and fresh water from contaminants, salt spray and exposure to marine atmosphere.

MIL Unit of thickness; 1/1000 inch.

NONDRYING OIL Oil which does not, of itself, possess to a perceptible degree- the power to take oxygen from the air and lose its liquid characteristics.

OIL COLOR A high concentration of colored pigments in oil used for tinting paints.

OLEORESIN A preparation of consisting essentially of oil holding resin in solution, like turpentine.

ORANGE PEEL (PD) Condition wherein the finish resembles the peel of an orange

PEELING (PD) Stripping off of a paint film in unusually large pieces, due to application on moist or greasy surfaces.

PIGMENT The solid portion of a paint.

PINHOLING (PD) Formation of tiny holes in the paint film, very similar to pinholes, caused by changes in atmospheric conditions during drying, by application over sweating or incompletely dried undercoats, or by spots of grease or sap in the underlying surface.

PLASTICIZER A substance added to paint, varnish, or lacquer to impart flexibility.

PRIMER The first of two or more coats of a paint, varnish or lacquer system. Use as basecoat.

PUTTY A cement usually made of whiting and boiled linseed oil beaten or kneaded to the consistency of dough and is used especially in the fastening of glass in sashes and stopping crevices in wood work.

RESIN (natural) A solid organic substance, originating in the secretion of certain plants or insects, which is thermoplastic, flammable, nonconductive; breaks with a conchoidal fracture (when hard) and dissolves in certain organic solvents, but not water.

PD – Paint Defect

PRODUCT & SPECIFICATIONS MANUAL

Paint Industry Terminology

RESIN (synthetic) A synthetic substance physically similar to natural resins.

RUNS/SAGS (PD) Irregularities on the surface finish due to uneven flow of paint during application.

RUST INHIBITOR A chemical substance or mixture which effectively decreases corrosion.

SASH The framework in which panes of glass are set in a window or door.

SHADE The addition of black or complimentary colors to effect lower reflection without change in hue.

SPREADING RATE The area covered by a unit volume of coating material frequently expressed as square feet per gallon; sometimes referred to as coverage.

STIPPLE To apply paint by repeated small strokes rather than in lines or areas using the end of a brush to evenly distribute the paint on the surface.

TACK-FREE A condition wherein the paint film is dry enough not to be sticky.

TACKINESS (PD) Characterized by stickiness of film when it is supposed to be tack-free. May be due to application on very greasy or unclean surface, especially in the refinishing work.

TEXTURE PAINT A special type of paint which is liberally applied on the surface and is made to give various patterns or designs with the use of brush, roller or spray gun.

THINNER Volatile organic liquid used to adjust consistency or modify other properties of paint, varnish, and lacquer.

TINT A variation of a color produced by adding white to it.

TOUCH-UP PAINTING Preparation and repainting of mars, scratches, or small

areas of painted surface to restore an integral or unbroken condition.

TURPENTINE Colorless volatile liquid obtained by distillation or carbonization of oleoresins from pines and other coniferous trees.

VARNISH A liquid preparation which, when applied and allowed to dry on a surface, forms a hard, lustrous, typically transparent coating.

VEHICLE The liquid portion of a paint.

VOLATIVE ORGANIC COMPOUND (VOC)

WASHING A condition wherein the paint on the surface gets washed down by the rain or chemicals.

WETTABILITY The characteristic of a primer to have more penetrating power. Primers with good wettability can be applied over surfaces that are not free of rust much more readily than other coatings.

WRINKLING The appearance of wrinkles on the coating due to application in thick coats, or to cold weather.

PD – Paint Defect

PRODUCT & SPECIFICATIONS MANUAL

Practical Painting Guide

Follow the simple steps below to get optimum results for your painting projects.

Step 1. How much paint do I need?

WALL PAINT ESTIMATOR

Follow the procedures below to determine the correct wall area of your room and the right amount of paint to purchase.

1. Add together the length of all the walls of your room. Multiply the resulting value by the height of the room to determine your *total wall area*.
2. Deduct the area of doors and windows determined using the calculation method above to determine your *paintable wall area*.
3. Divide your paintable wall area by the paint coverage (usually in m²/L) stated in the product container to determine the *amount of paint to purchase* (*double the results if the walls require two coats).

Always round up to ensure you will have enough paint to complete the job.

CEILING PAINT ESTIMATOR

Follow the procedures below to determine the correct ceiling area and the right amount of paint to purchase.

1. Multiply the length of the ceiling by its width to determine your *ceiling area*.
2. Divide your ceiling area by the paint coverage (usually in m²/L) stated in the product container to determine the *amount of paint to purchase* (*double the results if the walls require two coats).

- Go to www.universalpaint.net. Paint calculator.

Step 2. Which type of sheen (gloss level) is best for my project?

Guide

	Flat	Flat Enamel	Satin	Semi-Gloss	Gloss
GENERAL AREAS	No Sheen Low Traffic	No Sheen Low Traffic	Medium Sheen Medium Traffic	Medium High Sheen Medium - High Traffic	High Sheen High Traffic
Interior Walls	•	•	•		
Exterior Walls			•	•	
Ceiling	•	•			
Doors			•	•	
Trim	•		•	•	
SPECIFIC AREAS					
Kitchen	•		•	•	•
Bathroom			•	•	•
Laundry Room	•			•	•
Living Room	•	•	•		

TIP: 1. Low sheen hides surface imperfections. 2. High sheen is easier to clean.

PRODUCT & SPECIFICATIONS MANUAL

Practical Painting Guide

Step 3. Do I need to prime?

Yes. Primer provides a good surface for the paint by helping to even out the surface porosity (empty spaces in a material) and enhancing the paint's appearance. Using a high-quality primer ensures a durable and even finish.

Step 4. Get organized!

Prepare all the necessary materials such as paint & roller brushes, painter's tape, paint tray, sand paper, putty knife, rags, ladder, and most especially, protective materials such as newspapers, polyethylene sheets, and personal protective equipment.

Step 5. Surface Preparation

Surface Preparation is 50% of a successful project

The most important key to a successful painting job is surface preparation. A number of failed painting projects are attributed to inadequate surface preparation. Accordingly, refer to the following recommended surface preparation prior to painting.

It is of utmost importance that the surface to be painted is **clean, dry, free from any dirt, dust, grease and or other contaminants** that may negatively affect the paint and paint adhesion.

A. To repair wooden surface

Glossy Paint Sand with #240 sand paper to remove gloss before repainting.

Grease, Dirt, and Dust Remove oil, grease and other surface contaminants with paint thinner or turpentine. Surfaces covered with greasy soot should be thoroughly washed and completely dried.

Holes and cracks Fill with Universal Professional Glazing Putty PRO-11 or Valiant Chemotite Wood Putty V-660.

Loose or peeling paint Scrape off loose paint and sand smooth. Severely blistered or peeling paint should be thoroughly removed. Any water seepage must be repaired before painting.

Mildew Remove by washing with detergent and water; if necessary, apply a bleaching solution then thoroughly rinse and dry.

Stains Rusty nails should be countersunk when possible. Caulk all openings around metal brackets. Coat all bare iron or steel with Universal Professional Metal Primer PRO-XXX.

Wax Remove completely with paint thinner or other suitable solutions.

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B. To repair masonry surface

Alkali Concrete is alkali in nature; freshly poured concrete have higher alkalinity (higher pH). Allot 28 days for thorough curing of fresh concrete.

Cracks and holes Fill small cracks and seams in the surface with Universal Professional Concrete Putty PRO-10. Spot prime puttied surfaces with Universal Professional Flat Latex White PRO-100.

Crumbling Old and unpainted surfaces which are granulated and powdery must be sandblasted.

Crumbling mortar Rake out joints to a depth of ¾ inch, wet down thoroughly and fill with portland cement. Allot 3 days for drying to prevent water seepage which may cause interior dampness and peeling off of both interior and exterior paint, openings in mortar joints should be filled with mortar cement.

Efflorescence This can be safely painted over if the loose portion is removed by wire brushing.

Grease, Dirt, and Dust Remove oil, grease, and other surface contaminants with paint thinner or turpentine. Surfaces covered with greasy soot should be thoroughly washed and completely dried.

Loose paint powdery, cracked or peeling paint For best results, remove by mechanical means or by vigorous wire brushing.

Molds & Mildew Remove by washing with detergent and water; if needed, use a bleaching solution then thoroughly rinse and dry.

C. To repair metal, steel and iron

Rust, scale, loose paint It is necessary to remove rust, scale and loose paint by power sanding or sandblasting. For best results, immediately prime with Universal Professional Metal Primer Red Oxide PRO-17.

For more detailed instructions on surface preparation please go to Section 5 Surface Preparation page X.

WARNING

Be careful when scraping or sanding old paint as these may contain lead dust. **LEAD IS TOXIC!**
Always use the proper PPE when scraping paint.

PRODUCT & SPECIFICATIONS MANUAL

Practical Painting Guide

Step 6. Time to paint!

GENERAL PAINTING TIPS

Follow the recommended surface preparation detailed in Step 5. Keep in mind that good surface preparation is essential in achieving the desired results and ensuring the optimization of paint quality.

- Ensure that the work area is well lit and is well ventilated.
- Do not paint when rain is imminent.
- Apply thin coats at a time.
- Observe the recommended time interval between coats. Applying heavy coats will result in sagging and prolonged drying time.
- Do not stop in the middle of a wall. Stop only at natural breaks such as windows, doors or corners.

PROPER PAINTING PROCESS

1. Cover all parts or areas that will not be painted.
 - Cover furniture and floors with newspaper or drop cloths.
 - Stir paint throughout the painting process.
 - Mix together all cans of the same color to achieved the best uniform color, this is called “paint boxing”.
2. Do not forget to prime the areas to be painted.
3. Paint the ceiling first.
4. Paint the walls next.
5. Paint the trim.
6. Paint the floor last.

ALWAYS FOLLOW THE MANUFACTURER’S RECOMMENDATION, THIS WAY YOUR PROJECT CAN BE GUARANTEED AND WARRANTED AGAINST PAINT DEFECTS AND FAILURE.

Step 7 Clean-up

Now that the paint application is done, proper cleanup and disposal are in completing a successful painting project.

- Clean latex or any water-based paint from brushes and rollers using detergent and water.
- Clean oil or alkyd-based paint from brushes and rollers using paint thinner.
- Hang clean brushes by the handle to maintain the shape of the bristles.

Put a dab of color on the outside of the paint can to easily identify the color for future touch-ups.

Suggestions for left-over paint:

- Save a small amount for future touch-ups (be aware of expiration date and proper storage procedure)
- Save for other projects
- Donate paint to community

PRODUCT & SPECIFICATIONS MANUAL

Practical Painting Guide

Important Information

Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When expose to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic**, exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Storage Information:

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics. Keep away from reach of children and animals.

Environmental Information:

DO NOT DISPOSE IN SEWERS, DRAINS OR BODIES OF WATER. If accidentally spilled, dike area around spill, absorb liquid in paper or other absorbent materials, and dispose contents in accordance to approved government regulations. Emptied containers (for non water-based product) may be hazardous due to product residues. Dispose packaging accordance to approved government regulations. Always recycle packaging when able.

For any questions about Health, Safety, Storage or Environmental Information or to request for product MSDS, please call us at 997-8777 and look for the PCO officer.

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PRODUCT & SPECIFICATIONS MANUAL

Paint - Substrate Matrix

#		UNIVERSAL ADVANTAGE	UNIVERSAL PROFESSIONAL	UNIVERSAL AQUAGUARD	UNIVERSAL AQUASHIELD	UNIVERSAL ROOF ARMOUR	VALIANT	OTTO	UNIVERSAL PLUS	POPULAR
	FINISH / USE	PREMIUM							STANDARD	ECONOMY
EXTERIOR										
A. MASONRY										
EXTERIOR, STUCCO, MASONRY, CONCRETE, BRICK, ASBESTOS	FLAT	..	•						•	•
EXTERIOR, STUCCO, MASONRY, CONCRETE, BRICK, ASBESTOS	SEMI-GLOSS		•						•	•
EXTERIOR, STUCCO, MASONRY, CONCRETE, BRICK, ASBESTOS	GLOSS	..	•						•	•
EXTERIOR, STUCCO, MASONRY, CONCRETE, BRICK, ASBESTOS	ELASTOMERIC SATIN SHEEN			•						
EXTERIOR, STUCCO, MASONRY, CONCRETE, BRICK, ASBESTOS	ELASTOMERIC SEMIGLOSS	..		•						
EXTERIOR, STUCCO, MASONRY, CONCRETE, BRICK, ASBESTOS	TEXTURED ELASTOMERIC SATIN /SEMIGLOSS SHEEN			•	•					
EXTERIOR, STUCCO, MASONRY, CONCRETE, BRICK, ASBESTOS	CEMENTITIOUS WATERPROOFING	..			•					
EXTERIOR, STUCCO, MASONRY, CONCRETE, BRICK, ASBESTOS, PVC	TEXTURED SOLVENT BASED		•							
EXTERIOR, STUCCO, MASONRY, CONCRETE, BRICK, ASBESTOS, PVC	PLAIN SOLVENT BASED	..	•							

PRODUCT & SPECIFICATIONS MANUAL

Paint - Substrate Matrix

#		UNIVERSAL ADVANTAGE	UNIVERSAL PROFESSIONAL	UNIVERSAL AQUAGUARD	UNIVERSAL AQUASHIELD	UNIVERSAL ROOF ARMOUR	VALIANT	OTTO	UNIVERSAL PLUS	POPULAR
	FINISH / USE	PREMIUM							STANDARD	ECONOMY

EXTERIOR

A. MASONRY

EXTERIOR, STUCCO,
MASONRY, CONCRETE,
BRICK, ASBESTOS, PVC

POLYURETHANE

•

EXTERIOR, CONCRETE
ASPHALT FLOORING

ROADMARKING
REFLECTORIZED
NON-REFLECTORIZED

"

•

EXTERIOR, CONCRETE
FLOORING

CRB FINISH

•

INTERIOR

A. MASONRY AND DRYWALL

INTERIOR PLASTER
GYPSUM FIBER
CEMENT BOARD

FLAT

"

•

•

•

INTERIOR PLASTER
GYPSUM FIBER
CEMENT BOARD

SEMI-GLOSS

•

•

•

•

INTERIOR PLASTER
GYPSUM FIBER

GLOSS

"

•

•

•

•

CEMENT BOARD

INTERIOR PLASTER
GYPSUM FIBER
CEMENT BOARD

ELASTOMERIC
SATIN SHEEN

•

INTERIOR PLASTER
GYPSUM FIBER
CEMENT BOARD

TEXTURED
ELASTOMERIC
SATIN/SEMIGLOSS
SHEEN

"

•

INTERIOR PLASTER
GYPSUM FIBER
CEMENT BOARD

TEXTURED
SOLVENT
BASED

•

PRODUCT & SPECIFICATIONS MANUAL

Paint - Substrate Matrix

#		UNIVERSAL ADVANTAGE	UNIVERSAL PROFESSIONAL	UNIVERSAL AQUAGUARD	UNIVERSAL AQUASHIELD	UNIVERSAL ROOF ARMOUR	VALIANT	OTTO	UNIVERSAL PLUS	POPULAR
	FINISH / USE	PREMIUM							STANDARD	ECONOMY

INTERIOR

A. MASONRY AND DRYWALL

INTERIOR PLASTER GYPSUM FIBER CEMENT BOARD	PLAIN SOLVENT- BASED	"	•							
INTERIOR PLASTER GYPSUM FIBER CEMENT BOARD	TEXTURED WATERBASED		•							
INTERIOR PLASTER GYPSUM FIBER CEMENT BOARD	POLYURETHANE	"	•							

EXTERIOR

B. WOOD

EXTERIOR WOOD	GLOSS FINISH ALKYD		•				•		•	•
EXTERIOR WOOD	PLAIN SOLVENT BASED	"	•				•		•	•
EXTERIOR WOOD	TEXTURED SOLVENT BASED		•				•			
EXTERIOR WOOD	POLYURETHANE	"	•							
EXTERIOR WOOD	GLOSS		•				•			

INTERIOR

B. WOOD SURFACE

INTERIOR WOOD	FLAT, SEMI-GLOSS, GLOSS FINISH ALKYD	"	•						•	•
INTERIOR WOOD	PLAIN SOLVENT BASED		•						•	•

PRODUCT & SPECIFICATIONS MANUAL

Paint - Substrate Matrix

#		UNIVERSAL ADVANTAGE	UNIVERSAL PROFESSIONAL	UNIVERSAL AQUAGUARD	UNIVERSAL AQUASHIELD	UNIVERSAL ROOF ARMOUR	VALIANT	OTTO	UNIVERSAL PLUS	POPULAR
	FINISH / USE	PREMIUM							STANDARD	ECONOMY
INTERIOR										
B. WOOD SURFACE										
INTERIOR WOOD	TEXTURED SOLVENT BASED		•							
INTERIOR WOOD	POLYURETHANE	" •								
INTERIOR WOOD	GLOSS/ DUCCO FINISH		•				•		•	•
INTERIOR WOOD	STAINED FINISH GLOSS	" •								
INTERIOR WOOD	STAINED FINISH FLAT						•			
EXTERIOR										
C. METAL										
EXTERIOR FERROUS METAL	GLOSS ALKYD	" •								
EXTERIOR FERROUS METAL	EPOXY		•							
EXTERIOR G.I. ROOFING	GLOSS	" •								
EXTERIOR FERROUS METAL	GLOSS		•			•			•	

PRODUCT & SPECIFICATIONS MANUAL

Paint - Substrate Matrix

#		UNIVERSAL ADVANTAGE	UNIVERSAL PROFESSIONAL	UNIVERSAL AQUAGUARD	UNIVERSAL AQUASHIELD	UNIVERSAL ROOF ARMOUR	VALIANT	OTTO	UNIVERSAL PLUS	POPULAR
	FINISH / USE	PREMIUM							STANDARD	ECONOMY
EXTERIOR										
C. METAL										
EXTERIOR FERROUS METAL	ACRYLIC	•								
INTERIOR										
C. INTERIOR METAL										
INTERIOR FERROUS METAL	GLOSS ALKYD		•						•	•
INTERIOR FERROUS METAL	EPOXY	•								

UNIVERSAL BASECOAT

Acrylic Primer Flat White PRO-50



DESCRIPTION:

A 100% premium quality acrylic-based primer/undercoat with high-hiding finish.

This paint features thick consistency to fill in minor cracks and pinholes in concrete. The attributes of this paint guarantees a well-prepared surface with uniform properties for successful topcoat application.

RECOMMENDED USES:

Interior and exterior masonry, concrete, stucco, bricks plaster, and hollow blocks.

PRODUCT APPEARANCE	: Liquid
PACKAGE VISCOSITY	: 105-110 kus
DRY FILM THICKNESS	:
DRY SET TO TOUCH	: 30 minutes
DRY HARD	: 2 hours
COATING INTERVAL	: 1-2 hours depending on temperature
THINNING	: Apply at package consistency
APPLICATION	: brush, roller, spray
COVERAGE	: 30-35m ² /4L depending on surface porosity or texture
CLEAN-UP	: Water
PACKAGING SIZE	: 1, 4, 16 liters
AVAILABLE COLORS	: White PRO-50



*Do not
skip the
primer.*

SURFACE PREPARATION:

New or unpainted surface

Remove dirt, dust, grit, loose mortar, oil, grease and other contaminants. New concrete must be cured at least 28 days before paint application. Please follow manufacturer's recommendation to check use litmus paper test.

Old or previously painted surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil and other contaminants. Treat mold or fungus infestation with bleaching solution (1 part bleach and 3 parts water).

APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

PAINTING DIRECTIONS: For best results use:

1st coat: Universal Base Coat Acrylic Primer Flat White PRO-50.
Allow 1-2 hours drying time.

To remedy surface imperfections:

Putty: Universal Professional Concrete Putty White PRO-10. Allow 4 hours drying time.
2nd-3rd coat: Universal Professional Latex of desired sheen & color.
Allow 2 hours drying time between coats.

UNIVERSAL BASECOAT

Acrylic Primer Flat White PRO-50



Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When expose to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic**, exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

DO NOT DISPOSE IN SEWERS, DRAINS OR BODIES OF WATER. If accidentally spilled, dike area around spill, absorb liquid in paper or other absorbent materials, and dispose contents in accordance to approved government regulations. Emptied containers (for non water-based product) may be hazardous due to product residues. Dispose packaging accordance to approved government regulations. Always recycle packaging when able.

THIS INFORMATION CONTAINED HEREIN IS BASED ON THE DATA BELIEVED BY UNIVERSAL PAINT AND COATINGS PHILIPPINES INC. TO BE ACCURATE, BUT WE DO NOT ASSUME ANY LIABILITY FOR THE ACCURACY OF THIS INFORMATION. WE NEITHER SUGGEST NOR GUARANTEE THAT ANY HAZARDS MENTIONED ARE THE ONLY ONES WHICH EXISTS. ANYONE INTENDING TO RELY ON ANY RECOMMENDATION OR TO USE ANY EQUIPMENT, TECHNIQUE, OR MATERIAL MENTIONED SHOULD ALSO SATISFY HIMSELF THAT HE CAN MEET ALL APPLICABLE SAFETY AND HEALTH STANDARDS. DETERMINATION OF THE SUITABILITY OF ANY INFORMATION OR PRODUCTS FOR THE USE CONTEMPLATED BY ANY USER, THE MANNER OF THAT USE AND WHETHER THERE IS ANY INFRINGEMENT OF PATENTS IS THE SOLE RESPONSIBILITY OF THE USER. RECIPIENTS OF ANY OF THE PRODUCTS ASSUME THE FULL RESPONSIBILITY FOR OBSERVING THE EXISTING LAWS AND REGULATIONS WITH REGARD TO USAGE AND DISPOSAL.

UNIVERSAL CONCRETE PUTTY

White PRO-10



DESCRIPTION:

A premium quality water-based surface preparation product for patching and filling minor surface unevenness. This high quality putty is formulated to resist shrinking and cracking. This product can also be use as a full putty system.

RECOMMENDED USES:

Interior concrete, stucco, bricks and plaster.

PRODUCT APPEARANCE	: Liquid
PACKAGE VISCOSITY	: Thick paste
DRY FILM THICKNESS	:
DRY SET TO TOUCH	: 30 minutes
DRY HARD	: 4 hours
COATING INTERVAL	: 1-2 hours depending on temperature
THINNING	: Do not reduce
APPLICATION	: putty knife
COVERAGE	: 8-10 m ² /4L depending on thickness & texture
CLEAN-UP	: Water
PACKAGING SIZE	: 1, 4, 16 liters
AVAILABLE COLORS	: White PRO-10
FINISH	: Flat

SURFACE PREPARATION:

New or unpainted surface

Remove dirt, dust, grit, loose mortar, oil, grease and other contaminants. New concrete must be cured at least 28 days before paint application. Please follow manufacturer's recommendation to check use litmus paper test.

Old or previously painted surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil and other contaminants. Treat mold or fungus infestation with bleaching solution (1 part bleach and 3 parts water).

APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

UNIVERSAL CONCRETE PUTTY

White PRO-10



PAINTING DIRECTIONS: For best results use:

- 1st coat: Universal Professional Flat Latex White PRO-100 or Universal Base Coat Acrylic Primer PRO-50. Allow 1 hour drying time.
- 2nd coat: Universal Professional Concrete Putty White PRO-10
Spot or full putty. Allow 4 hours drying time.
Spot prime or full prime with Universal Professional Flat Latex White PRO-100 or Universal Base Coat Acrylic Primer PRO-50.
Allow 1 hour drying time.
- 3rd – 4th coat: Universal Professional Latex of desired sheen & color.

Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When expose to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic,** exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

DO NOT DISPOSE IN SEWERS, DRAINS OR BODIES OF WATER. If accidentally spilled, dike area around spill, absorb liquid in paper or other absorbent materials, and dispose contents in accordance to approved government regulations. Emptied containers (for non water-based product) may be hazardous due to product residues. Dispose packaging accordance to approved government regulations. Always recycle packaging when able.

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H-CHEM INDUSTRIES INC. • UNIVERSAL PAINTS SALES AND MARKETING INC.

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care@universalpaint.net#

UNIVERSAL ADVANTAGE

Anti-Bacterial Hygiene Paint



DESCRIPTION:

A durable ultra Premium acrylic-based anti-bacterial, anti-algal, anti-fungal paint that provides a tough, washable; and beautiful finish.

Due to its anti-bacterial, anti-algal, and anti-fungal properties, UNIVERSAL ADVANTAGE Hygiene Paint is best suitable for all indoor living spaces particularly kitchens, bathrooms and laundry rooms. This paint is also particularly suited for health care and wellness facilities. In addition, UNIVERSAL ADVANTAGE Hygiene Paint is a very low VOC-paint which leaves out noxious fumes and odors to improve indoor air quality. The UNIVERSAL ADVANTAGE Hygiene Paint is ideal for a healthier environment and a healthier you. This paint features:

- In film anti-bacterial, anti-algal, and anti-fungal properties
- Low odor-no residual smell
- Exceptional paint coverage
- Active anti-bacterial, anti-algal, and anti-fungal properties will last with the life of the paint
- Broad spectrum fungicide
- Low VOC
- High scrub resistance

RECOMMENDED USES:

Interior masonry, concrete, stucco, bricks, plaster, hollow blocks, fiber and fiber cement board. Because of its antibacterial and washable properties. This paint is highly recommended for areas where cleanliness is necessity like interior spaces like bathrooms & kitchens, hospitals and other health care environments.

PRODUCT APPEARANCE	: Liquid
PACKAGE VISCOSITY	: 105-110 kus
DRY FILM THICKNESS	:
DRY SET TO TOUCH	: 30 minutes
DRY HARD	: 2 hours
COATING INTERVAL	: 1-2 hours depending on temperature
THINNING	: Apply at package consistency
APPLICATION	: brush, roller
COVERAGE	: 30-35m ² /4L depending on surface porosity & texture
CLEAN-UP	: Water
PACKAGING SIZE	: 4, 16 liters
AVAILABLE COLORS	: White See Universal color collection. Custom colors available.
FINISH	: Satin, Semi-gloss

SURFACE PREPARATION:

New or unpainted surface

Remove dirt, dust, grit, loose mortar, oil, grease and other contaminants. New concrete must be cured at least 28 days before paint application. Please follow manufacturer's recommendation to check use litmus paper test.

Old or previously painted surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil and other contaminants. Treat mold or fungus infestation with bleaching solution (1 part bleach and 3 parts water).



*Highly
recommen-
ded for
home
interiors
and health
care and
wellness
areas*

UNIVERSAL ADVANTAGE

Anti-Bacterial Hygiene Paint



APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

PAINTING DIRECTIONS: For best results use:

1st coat: Universal Base Coat Acrylic Primer Flat White PRO-50.
Allow 1-2 hours drying time.

To remedy surface imperfections:

Putty: Universal Professional Concrete Putty White PRO-10. Allow 2 hours drying time.

Spot Prime: Universal Base Coat Acrylic Primer Flat White PRO-50.
Allow 1-2 hours drying time.

2nd-3rd coat: Universal Advantage Hygiene Paint of desired sheen & color.
Allow 2 hours drying time between coats.

Apply more coats if higher hiding is desired.

Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When expose to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic,** exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

DO NOT DISPOSE IN SEWERS, DRAINS OR BODIES OF WATER. If accidentally spilled, dike area around spill, absorb liquid in paper or other absorbent materials, and dispose contents in accordance to approved government regulations. Emptied containers (for non water-based product) may be hazardous due to product residues. Dispose packaging accordance to approved government regulations. Always recycle packaging when able.

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UNIVERSAL PROFESSIONAL

Flat Latex



DESCRIPTION:

A 100% premium quality acrylic-based paint that *dries* to a *flat* finish.

This product exhibits high hiding and extended coverage. In addition, it has very low VOC content and low odor and is non-toxic and non-flammable.

RECOMMENDED USES:

Interior and exterior masonry, concrete, stucco, bricks plaster, hollow blocks and properly primed wood.

PRODUCT APPEARANCE	: Liquid
PACKAGE VISCOSITY	: 105-110 kus
DRY FILM THICKNESS	:
DRY SET TO TOUCH	: 30 minutes
DRY HARD	: 2 hours
COATING INTERVAL	: 1-2 hours depending on room temperature
THINNING	: Apply at package consistency
APPLICATION	: brush, roller, spray
COVERAGE	: 30-35 m ² /4L depending on surface porosity or texture
CLEAN-UP	: Water
PACKAGING SIZE	: 1, 4, 16 liters
AVAILABLE COLORS	: White PRO-100 See Universal color collection. Custom color available. May be tinted with Universal AcriColor Colorant\



Flat Latex can be used as a primer and topcoat in one.

SURFACE PREPARATION:

New or unpainted surface

Remove dirt, dust, grit, loose mortar, oil, grease and other contaminants. New concrete must be cured at least 28 days before paint application. Please follow manufacturer's recommendation to check use litmus paper test.

Old or previously painted surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil and other contaminants. Treat mold or fungus infestation with bleaching solution (1 part bleach and 3 parts water).

APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

PAINTING DIRECTIONS: For best results use:

1st coat: Universal Base Coat Acrylic Primer Flat White PRO-50.
Allow 1-2 hours drying time.

To remedy surface imperfections:

Putty: Universal Professional Concrete Putty White PRO-10. Allow 4 hours drying time.
Spot Prime: Universal Base Coat Acrylic Primer Flat White PRO-50.

UNIVERSAL PROFESSIONAL

Flat Latex



2nd-3rd coat: Universal Professional Flat Latex of desired sheen & color,
Allow 1-2 hours drying time between coats.
Apply more coats if higher hiding is desired.

Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When expose to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic,** exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

DO NOT DISPOSE IN SEWERS, DRAINS OR BODIES OF WATER. If accidentally spilled, dike area around spill, absorb liquid in paper or other absorbent materials, and dispose contents in accordance to approved government regulations. Emptied containers (for non water-based product) may be hazardous due to product residues. Dispose packaging accordance to approved government regulations. Always recycle packaging when able.

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UNIVERSAL PROFESSIONAL

Satin Latex



DESCRIPTION:

A 100% premium quality acrylic-based paint that *dries* to a *satin* finish.

This product exhibits high hiding and extended coverage. In addition, it has very low VOC content and low odor and is non-toxic and non-flammable.

RECOMMENDED USES:

Interior and exterior masonry, concrete, stucco, bricks plaster, hollow blocks, and properly primed wood.

PRODUCT APPEARANCE	: Liquid
PACKAGE VISCOSITY	: 105-110 kus
DRY FILM THICKNESS	:
DRY SET TO TOUCH	: 30 minutes
DRY HARD	: 2 hours
COATING INTERVAL	: 1-2 hours
THINNING	: Apply at package consistency
APPLICATION	: brush, roller, spray
COVERAGE	: 30-35 m ² /4L depending on surface porosity or texture
CLEAN-UP	: Water
PACKAGING SIZE	: 1, 4, 16 liters
AVAILABLE COLORS	: White PRO-150 See Universal color collection. Custom color available. May be tinted with Universal AcriColor Colorant

SURFACE PREPARATION:

New or unpainted surface

Remove dirt, dust, grit, loose mortar, oil, grease and other contaminants. New concrete must be cured at least 28 days before paint application. Please follow manufacturer's recommendation to check use litmus paper test.

Old or previously painted surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil and other contaminants. Treat mold or fungus infestation with bleaching solution (1 part bleach and 3 parts water).

APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

UNIVERSAL PROFESSIONAL

Satin Latex



PAINTING DIRECTIONS: For best results use:

1st coat: Universal Base Coat Acrylic Primer Flat White PRO-50.
Allow 1-2 hours drying time.

To remedy surface imperfections:

Putty: Universal Professional Concrete Putty White PRO-10. Allow 4 hours drying time.
2nd-3rd coat: Universal Professional Satin Latex of desired sheen & color,
Allow 2 hours drying time between coats.

Apply more coats if higher hiding is desired.

Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When expose to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic**, exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

DO NOT DISPOSE IN SEWERS, DRAINS OR BODIES OF WATER. If accidentally spilled, dike area around spill, absorb liquid in paper or other absorbent materials, and dispose contents in accordance to approved government regulations. Emptied containers (for non water-based product) may be hazardous due to product residues. Dispose packaging accordance to approved government regulations. Always recycle packaging when able.

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UNIVERSAL PROFESSIONAL

Semi-gloss Latex



DESCRIPTION:

A 100% premium quality acrylic-based paint that *dries* to a *semi-gloss* finish.

This product exhibits high hiding and extended coverage. In addition, it has very low VOC content and low odor and is non-toxic and non-flammable.

RECOMMENDED USES:

Interior and exterior masonry, concrete, stucco, bricks plaster, hollow blocks, and properly primed wood.

PRODUCT APPEARANCE	: Liquid
PACKAGE VISCOSITY	: 105-110 kus
DRY FILM THICKNESS	:
DRY SET TO TOUCH	: 30 minutes
DRY HARD	: 2 hours
COATING INTERVAL	: 1-2 hours
THINNING	: Apply at package consistency
APPLICATION	: brush, roller, spray
COVERAGE	: 30-35 m ² /4L depending on surface porosity & texture
CLEAN-UP	: Water
PACKAGING SIZE	: 1, 4, 16 liters
AVAILABLE COLORS	: White PRO-200 See Universal color collection. Custom color available. May be tinted with Universal Acri Color Colorant

SURFACE PREPARATION:

New or unpainted surface

Remove dirt, dust, grit, loose mortar, oil, grease and other contaminants. New concrete must be cured at least 28 days before paint application. Please follow manufacturer's recommendation to check use litmus paper test.

Old or previously painted surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil and other contaminants. Treat mold or fungus infestation with bleaching solution (1 part bleach and 3 parts water).

APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

UNIVERSAL PROFESSIONAL

Semi-gloss Latex



PAINTING DIRECTIONS: For best results use:

1st coat: Universal Base Coat Acrylic Primer Flat White PRO-50.
Allow 1-2 hours drying time.

To remedy surface imperfections:

Putty: Universal Professional Concrete Putty White PRO-10. Allow 4 hours drying time.
2nd-3rd coat: Universal Professional Semi-gloss Latex of desired sheen & color.
Allow 2 hours drying time between coats.

Apply more coats if higher hiding is desired.

Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When expose to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic,** exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

DO NOT DISPOSE IN SEWERS, DRAINS OR BODIES OF WATER. If accidentally spilled, dike area around spill, absorb liquid in paper or other absorbent materials, and dispose contents in accordance to approved government regulations. Emptied containers (for non water-based product) may be hazardous due to product residues. Dispose packaging accordance to approved government regulations. Always recycle packaging when able.

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UNIVERSAL PROFESSIONAL

Gloss Latex



DESCRIPTION:

A 100% premium quality acrylic-based paint that *dries* to a *gloss* finish.

This product exhibits high hiding and extended coverage. In addition, it has very low VOC content and low odor and is non-toxic and non-flammable.



RECOMMENDED USES:

Interior and exterior masonry, concrete, stucco, bricks plaster, hollow blocks, and properly primed wood.

PRODUCT APPEARANCE	: Liquid
PACKAGE VISCOSITY	: 105-110 kus
DRY FILM THICKNESS	:
DRY SET TO TOUCH	: 30 minutes
DRY HARD	: 2 hours
COATING INTERVAL	: 1-2 hours
THINNING	: Apply at package consistency
APPLICATION	: brush, roller, spray
COVERAGE	: 30-35 m ² /4L depending on surface porosity & texture
CLEAN-UP	: Water
PACKAGING SIZE	: 1, 4, 16 liters
AVAILABLE COLORS	: White PRO-300 See Universal color collection. Custom color available. May be tinted with Universal AcriColor Colorant

Because of its easy cleaning properties, Gloss Latex Finish is great for high traffic areas where walls frequently get dirty

SURFACE PREPARATION:

New or unpainted surface

Remove dirt, dust, grit, loose mortar, oil, grease and other contaminants. New concrete must be cured at least 28 days before paint application. Please follow manufacturer's recommendation to check use litmus paper test.

Old or previously painted surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil and other contaminants. Treat mold or fungus infestation with bleaching solution (1 part bleach and 3 parts water).

APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

UNIVERSAL PROFESSIONAL

Gloss Latex



PAINTING DIRECTIONS: For best results:

1st coat: Universal Base Coat Acrylic Primer Flat White PRO-50.
Allow 1-2 hours drying time.

To remedy surface imperfections:

Putty: Universal Professional Concrete Putty White PRO-10. Allow 4 hours drying time.

2nd-3rd coat: Universal Professional Gloss Latex of desired sheen & color.

Allow 2 hours drying time between coats.

Apply more coats if higher hiding is desired.

Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When exposed to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic,** exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

DO NOT DISPOSE IN SEWERS, DRAINS OR BODIES OF WATER. If accidentally spilled, dike area around spill, absorb liquid in paper or other absorbent materials, and dispose contents in accordance to approved government regulations. Emptied containers (for non water-based product) may be hazardous due to product residues. Dispose packaging accordance to approved government regulations. Always recycle packaging when able.

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UNIVERSAL UNI-TILE

Primer White PRO-600



Uni-Tile is
great for
coastal
areas

DESCRIPTION:

A premium quality acrylic solvent-based concrete sealer and primer for interior and exterior concrete and wood surfaces.

RECOMMENDED USES:

New and previously painted interior and exterior concrete masonry cement plaster, wood, and fiber cement boards.

PRODUCT APPEARANCE	: Liquid
PACKAGE VISCOSITY	: 80-85 kus
DRY FILM THICKNESS	:
DRY SET TO TOUCH	: 30 minutes
DRY HARD	: 1 hour
COATING INTERVAL	: 1 hour
THINNING	: Apply at package viscosity
APPLICATION	: brush, roller, spray
COVERAGE	: 20-25 m ² /4L depending on surface texture and porosity
CLEAN-UP	: Universal Professional Uni-Tile Reducer PRO-601
PACKAGING SIZE	: 4, 16 liters
AVAILABLE COLORS	: White PRO-600
FINISH	: Flat

SURFACE PREPARATION:

Masonry

New or unpainted surface

Remove dirt, dust, grit, loose mortar, oil, grease and other contaminants. New concrete must be cured at least 28 days before paint application. Please follow manufacturer's recommendation to check use litmus paper test.

Old or previously painted surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil and other contaminants. Treat mold or fungus infestation with bleaching solution (1 part bleach and 3 parts water).

Wood

New or unpainted surface

Use kiln-dried wood with a maximum moisture content of 12%. Sand wood until smooth. Counter sink nail heads then putty. Dust the surface and wipe clean.

Old or previously painted or stained surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil, and other contaminants by scraping. Sand the surface. Dust the surface and wipe clean.

APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

PAINTING DIRECTIONS: For best results use:

1st coat: **Universal Professional Uni-Tile Primer White PRO-600.**

Allow 1 hour drying time.

To remedy surface imperfections:

Putty: Universal Professional Uni-Tile Cast White PRO-620. Allow 4 hours drying time.

2nd-3rd coat: Universal Professional Uni-Tile Topcoat or Aqua Guard Elastomeric Paint of desired sheen & color. Allow 2 hours drying time between coats.

Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When expose to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic,** exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

DO NOT DISPOSE IN SEWERS, DRAINS OR BODIES OF WATER. If accidentally spilled, dike area around spill, absorb liquid in paper or other absorbent materials, and dispose contents in accordance to approved government regulations. Emptied containers (for non water-based product) may be hazardous due to product residues. Dispose packaging accordance to approved government regulations. Always recycle packaging when able.

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UNIVERSAL UNI-TILE

Cast PRO-620



Uni-Tile is
great for
coastal
areas

DESCRIPTION:

A **putty** for fast drying premium quality solvent-based acrylic system for interior and exterior concrete and wood surfaces.

This product is a decorative paint that exhibits outstanding tile-like durability and is highly resistant to water, carbon dioxide, and sulfur dioxide. This product can also be used to create textured finishes when applied using a mortar gun or similar equipment. This product is formulated specifically for tropical weather.

RECOMMENDED USES:

New and previously painted interior and exterior concrete masonry & cement plaster, wood, and fiber cement boards.

PRODUCT APPEARANCE	: Liquid
PACKAGE VISCOSITY	: Heavy Paste
DRY FILM THICKNESS	:
DRY SET TO TOUCH	: 10 minutes
DRY HARD	: 4 hours
COATING INTERVAL	: 4 hours
THINNING	: Apply at package consistency
APPLICATION	: As texture – use mortar gun As putty – putty knife
COVERAGE	: As texture – 6-8 m ² /4L As putty – 10-12 m ² /4L
CLEAN-UP	: Universal Professional Uni-Tile Reducer PRO-601
PACKAGING SIZE	: 4 liters
AVAILABLE COLORS	: White PRO-620
FINISH	: Flat

SURFACE PREPARATION:

Masonry

New or unpainted surface

Remove dirt, dust, grit, loose mortar, oil, grease and other contaminants. New concrete must be cured at least 28 days before paint application. Please follow manufacturer's recommendation to check use litmus paper test.

Old or previously painted surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil and other contaminants. Treat mold or fungus infestation with bleaching solution (1 part bleach and 3 parts water).

Wood

New or unpainted surface

Use kiln-dried wood with a maximum moisture content of 12%. Sand wood until smooth. Counter sink nail heads then putty. Dust the surface and wipe clean.

Old or previously painted or stained surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil, and other contaminants by scraping. Sand the surface. Dust the surface and wipe clean.

UNIVERSAL UNI-TILE

Cast PRO-620



APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

PAINTING DIRECTIONS: For best results use:

1st coat: Universal Professional Uni-Tile Primer White PRO-600.
Allow 1 hour drying time.

To remedy surface imperfections:

Putty: Universal Professional Uni-Tile Cast White PRO-620.
Allow 4 hours drying time.

2nd-3rd coat: Universal Professional Uni-Tile Topcoat or Aqua Guard Elastomeric Paint of desired sheen & color. Allow 2 hours drying time between coats.

Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When expose to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic**, exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

DO NOT DISPOSE IN SEWERS, DRAINS OR BODIES OF WATER. If accidentally spilled, dike area around spill, absorb liquid in paper or other absorbent materials, and dispose contents in accordance to approved government regulations. Emptied containers (for non water-based product) may be hazardous due to product residues. Dispose packaging accordance to approved government regulations. Always recycle packaging when able.

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UNIVERSAL UNI-TILE

Flat Finish Topcoat



Uni-Tile is
great for
coastal
areas

DESCRIPTION:

A fast drying premium quality solvent-based acrylic topcoat system for interior and exterior concrete and wood surfaces that *dries to a flat finish*.

This product is a decorative paint that exhibits outstanding tile-like durability and is highly resistant to water, carbon dioxide, and sulfur dioxide - A great balance between beauty and protection!

RECOMMENDED USES:

New and previously painted interior and exterior concrete masonry & cement plaster, wood, and fiber cement boards.

PRODUCT APPEARANCE	: Liquid
PACKAGE VISCOSITY	: 70-75 kus
DRY FILM THICKNESS	:
DRY SET TO TOUCH	: 30 minutes
DRY HARD	: 4 hours
COATING INTERVAL	: 2 hours
THINNING	: Universal Professional Uni-Tile Reducer PRO-601 up to 5% by volume
APPLICATION	: brush, roller, spray
COVERAGE	: 20-25 m ² /4L depending on surface porosity & texture
CLEAN-UP	: Universal Professional Uni-Tile Reducer PRO-601
PACKAGING SIZE	: 4, 16 liters
AVAILABLE COLORS	: White PRO-610 See Universal color collection. Custom color available. May be tinted with Universal Professional Uni-Tile Colorant

SURFACE PREPARATION:

Masonry

New or unpainted surface

Remove dirt, dust, grit, loose mortar, oil, grease and other contaminants. New concrete must be cured at least 28 days before paint application. Please follow manufacturer's recommendation to check use litmus paper test.

Old or previously painted surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil and other contaminants. Treat mold or fungus infestation with bleaching solution (1 part bleach and 3 parts water).

Wood

New or unpainted surface

Use kiln-dried wood with a maximum moisture content of 12%. Sand wood until smooth. Counter sink nail heads then putty. Dust the surface and wipe clean.

Old or previously painted or stained surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil, and other contaminants by scraping. Sand the surface. Dust the surface and wipe clean.

UNIVERSAL UNI-TILE

Flat Finish Topcoat



APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

PAINTING DIRECTIONS: For best results use:

1st coat: Universal Professional Uni-Tile Primer White PRO-600. Allow 1 hour drying time.

To remedy surface imperfections:

Putty: Universal Professional Uni-Tile Cast White PRO-620. Allow 4 hours drying time.

2nd-3rd coat: **Universal Professional Uni-Tile Topcoat** or Aqua Guard Elastomeric Paint of desired sheen & color. Allow 2 hours drying time between coats.

Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When expose to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic**, exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

DO NOT DISPOSE IN SEWERS, DRAINS OR BODIES OF WATER. If accidentally spilled, dike area around spill, absorb liquid in paper or other absorbent materials, and dispose contents in accordance to approved government regulations. Emptied containers (for non water-based product) may be hazardous due to product residues. Dispose packaging accordance to approved government regulations. Always recycle packaging when able.

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H-CHEM INDUSTRIES INC. • UNIVERSAL PAINTS SALES AND MARKETING INC.

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care@universalpaint.net

UNIVERSAL UNI-TILE

Semi-gloss Finish Topcoat



DESCRIPTION:

A fast drying premium quality solvent-based acrylic topcoat system for interior and exterior concrete and wood surfaces that *dries to a semi-gloss finish*.

This product is a decorative paint that exhibits outstanding tile-like durability and is highly resistant to water, carbon dioxide, and sulfur dioxide - A great balance between beauty and protection!

RECOMMENDED USES:

New and previously painted interior and exterior concrete masonry & cement plaster, wood, and fiber cement boards.

PRODUCT APPEARANCE	: Liquid
PACKAGE VISCOSITY	: 70-75 kus
DRY FILM THICKNESS	:
DRY SET TO TOUCH	: 30 minutes
DRY HARD	: 4 hours
COATING INTERVAL	: 2 hours
THINNING	: Universal Professional Uni-Tile Reducer PRO-601 up to 5% by volume
APPLICATION	: brush, roller, spray
COVERAGE	: 20-25 m ² /4L depending on surface porosity & texture
CLEAN-UP	: Universal Professional Uni-Tile Reducer PRO-601
PACKAGING SIZE	: 4, 16 liters
AVAILABLE COLORS	: White PRO-611 See Universal color collection. Custom color available. Maybe tinted with Universal Professional Uni-Tile Colorant

SURFACE PREPARATION:

Masonry

New or unpainted surface

Remove dirt, dust, grit, loose mortar, oil, grease and other contaminants. New concrete must be cured at least 28 days before paint application. Please follow manufacturer's recommendation to check use litmus paper test.

Old or previously painted surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil and other contaminants. Treat mold or fungus infestation with bleaching solution (1 part bleach and 3 parts water).

Wood

New or unpainted surface

Use kiln-dried wood with a maximum moisture content of 12%. Sand wood until smooth. Counter sink nail heads then putty. Dust the surface and wipe clean.

Old or previously painted or stained surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil, and other contaminants by scraping. Sand the surface. Dust the surface and wipe clean.



Uni-Tile is
great for
coastal
areas

UNIVERSAL UNI-TILE

Semi-gloss Finish Topcoat



APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

PAINTING DIRECTIONS: For best results use:

1st coat: Universal Professional Uni-Tile Primer White PRO-600. Allow 1 hour drying time.

To remedy surface imperfections:

Putty: Universal Professional Uni-Tile Cast White PRO-620. Allow 4 hours drying time.

2nd-3rd coat: **Universal Professional Uni-Tile Topcoat** or Aqua Guard Elastomeric Paint of desired sheen & color. Allow 2 hours drying time between coats.

Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When expose to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic**, exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

DO NOT DISPOSE IN SEWERS, DRAINS OR BODIES OF WATER. If accidentally spilled, dike area around spill, absorb liquid in paper or other absorbent materials, and dispose contents in accordance to approved government regulations. Emptied containers (for non water-based product) may be hazardous due to product residues. Dispose packaging accordance to approved government regulations. Always recycle packaging when able.

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UNIVERSAL UNI-TILE

Gloss Finish Topcoat



DESCRIPTION:

A fast drying premium quality solvent-based acrylic topcoat system for interior and exterior concrete and wood surfaces that *dries to a gloss finish*.

This product is a decorative paint that exhibits outstanding tile-like durability and is highly resistant to water, carbon dioxide, and sulfur dioxide - A great balance between beauty and protection!

RECOMMENDED USES:

New and previously painted interior and exterior concrete masonry & cement plaster, wood, and fiber cement boards.



Uni-Tile is
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areas

PRODUCT APPEARANCE	: Liquid
PACKAGE VISCOSITY	: 70-75 kus
DRY FILM THICKNESS	:
DRY SET TO TOUCH	: 30 minutes
DRY HARD	: 4 hours
COATING INTERVAL	: 2 hours
THINNING	: Universal Professional Uni-Tile Reducer PRO-601 up to 5% by volume
APPLICATION	: brush, roller, spray
COVERAGE	: 20-25 m ² /4L depending on surface porosity & texture
CLEAN-UP	: Universal Professional Uni-Tile Reducer PRO-601
PACKAGING SIZE	: 4, 16 liters
AVAILABLE COLORS	: White PRO-612 See Universal color collection. Custom color available. Maybe tinted with Universal Professional Uni-Tile Colorant

SURFACE PREPARATION:

Masonry

New or unpainted surface

Remove dirt, dust, grit, loose mortar, oil, grease and other contaminants. New concrete must be cured at least 28 days before paint application. Please follow manufacturer's recommendation to check use litmus paper test.

Old or previously painted surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil and other contaminants. Treat mold or fungus infestation with bleaching solution (1 part bleach and 3 parts water).

Wood

New or unpainted surface

Use kiln-dried wood with a maximum moisture content of 12%. Sand wood until smooth. Counter sink nail heads then putty. Dust the surface and wipe clean.

Old or previously painted or stained surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil, and other contaminants by scraping. Sand the surface. Dust the surface and wipe clean.

UNIVERSAL UNI-TILE

Gloss Finish Topcoat



APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

PAINTING DIRECTIONS: For best results use:

1st coat: Universal Professional Uni-Tile Primer White PRO-600. Allow 1 hour drying time.

To remedy surface imperfections:

Putty: Universal Professional Uni-Tile Cast White PRO-620. Allow 4 hours drying time.

2nd-3rd coat: **Universal Professional Uni-Tile Topcoat** or Aqua Guard Elastomeric Paint of desired sheen & color. Allow 2 hours drying time between coats.

Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When expose to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic**, exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

DO NOT DISPOSE IN SEWERS, DRAINS OR BODIES OF WATER. If accidentally spilled, dike area around spill, absorb liquid in paper or other absorbent materials, and dispose contents in accordance to approved government regulations. Emptied containers (for non water-based product) may be hazardous due to product residues. Dispose packaging accordance to approved government regulations. Always recycle packaging when able.

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UNIVERSAL UNI-TILE

Clear PRO-001



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DESCRIPTION:

A premium quality solvent-based pure acrylic clear coating.

This product is formulated specially for applications in which the preservation of the original substrate appearance is paramount. Its special formulation shields and protects the substrate from slight abrasion and water intrusion leading to a surface with an “always new” look.

RECOMMENDED USES:

New and previously painted interior and exterior concrete masonry & cement plaster, wood, fiber cement boards, and steel surfaces.

PRODUCT APPEARANCE	: Clear Liquid
PACKAGE VISCOSITY	: 50-55 kus
DRY FILM THICKNESS	:
DRY SET TO TOUCH	: 30 minutes
DRY HARD	: 2 hours
COATING INTERVAL	: 1-2 hours depending on room temperature
THINNING	: Do not reduce
APPLICATION	: brush, roller, spray
COVERAGE	: 30-35 m ² /4L depending on surface porosity & texture
CLEAN-UP	: Universal Professional Uni-Tile Reducer PRO-601
PACKAGING SIZE	: 4 liters
AVAILABLE COLORS	: Clear PRO-001
FINISH	: Glossy

SURFACE PREPARATION:

New or unpainted surface

Remove dirt, dust, grit, loose mortar, oil, grease and other contaminants. New concrete must be cured at least 28 days before paint application. Please follow manufacturer's recommendation to check use litmus paper test.

Old or previously painted surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil and other contaminants. Treat mold or fungus infestation with bleaching solution (1 part bleach and 3 parts water).

APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

PAINTING DIRECTIONS: For best results use:

- 1st coat: Universal Professional Uni-Tile Clear PRO-001
Allow 1-2 hours drying time between coats.
2nd coat: Universal Professional Uni-Tile Clear PRO-001
Allow 2 hours drying time.

Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When expose to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic,** exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

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UNIVERSAL UNI-TILE

Tinting Color



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areas

DESCRIPTION:

A concentrated acrylic solvent-based tinting color for Universal Professional Uni-Tile Topcoat.

This product exhibits superior dispersability and outstanding fade resistance.

RECOMMENDED USES:

Tinting color for Universal Professional Uni-Tile Topcoats PRO-XXX or similar products.

PRODUCT APPEARANCE	: Liquid			
PACKAGE VISCOSITY	: 70-75 kus			
DRY FILM THICKNESS	:			
THINNING	: Use Universal Professional Uni-Tile Reducer			
APPLICATION	: mix by stirring			
COVERAGE	: depending on shade desired			
CLEAN-UP	: Universal Professional Uni-Tile Reducer			
PACKAGING SIZE	: 1, 4 liters			
AVAILABLE COLORS	: Raw Sienna	PRO-622	Bright Yellow	PRO-616
	Black	PRO-615	Int'l. Red	PRO-617
	Pthalo Green	PRO-619	Pthalo Blue	PRO-618
	Ven. Red	PRO-621		
FINISH	: Glossy			

APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

PAINTING DIRECTIONS:

Mix well before use. Mix needed amount of Universal Professional Uni-Tile Tinting Color to Uni-Tile solvent-based paint and stir well.

Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When expose to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic**, exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

DO NOT DISPOSE IN SEWERS, DRAINS OR BODIES OF WATER. If accidentally spilled, dike area around spill, absorb liquid in paper or other absorbent materials, and dispose contents in accordance to approved government regulations. Emptied containers (for non water-based product) may be hazardous due to product residues. Dispose packaging accordance to approved government regulations. Always recycle packaging when able.

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UNIVERSAL ACRY COLOR

Water based Tinting Color



DESCRIPTION:

A premium quality concentrated acrylic water based tinting color for water based latex paints. This product exhibits high tint strength, easy dispersability and outstanding color fading resistance.

RECOMMENDED USES:

Tinting color for water based latex paints

PRODUCT APPEARANCE	: Liquid	
PACKAGE VISCOSITY	: 95-100 kus	
THINNING	: Do not reduce	
APPLICATION	: mix by stirring	
COVERAGE	: depending on shade or tint	
CLEAN-UP	: Water	
PACKAGING SIZE	: ¼, 1, 4 liters	
AVAILABLE COLORS	: Raw Sienna PRO-75	Venetian Red PRO-77
	Pthalo Green PRO-74	Black PRO-70
	Pthalo Blue PRO-73	Toluidine Red PRO-76
	Hanza Yellow PRO-71	Permanent Red PRO-72
FINISH	: Flat	

APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

PAINTING DIRECTIONS:

Mix well before use. Add Universal Professional Acry-Color to latex based paint until desired color is achieved. Mix well.

UNIVERSAL ACRYL COLOR

Water based Tinting Color



Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When exposed to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic**, exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

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UNIVERSAL PROFESSIONAL

Concrete Sealer PRO-13



DESCRIPTION:

A premium quality solvent-based clear acrylic sealer for concrete surfaces.

RECOMMENDED USES:

Interior and exterior concrete surfaces prior to paint application.

PRODUCT APPEARANCE	: Liquid
PACKAGE VISCOSITY	: 50-55 kus
DRY FILM THICKNESS	:
DRY SET TO TOUCH	: 30 minutes
DRY HARD	: 2 hours
COATING INTERVAL	: 1-2 hours depending on temperature
THINNING	: Do not reduce
APPLICATION	: by brush, roller
COVERAGE	: 30-35 m ² /4L depending on thickness
CLEAN-UP	: Universal Professional Uni-Tile Reducer
PACKAGING SIZE	: 4 liters
AVAILABLE COLORS	: Clear PRO-13

SURFACE PREPARATION:

New or unpainted surface

Remove dirt, dust, grit, loose mortar, oil, grease and other contaminants. New concrete must be cured at least 28 days before paint application. Please follow manufacturer's recommendation to check use litmus paper test.

Old or previously painted surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil and other contaminants. Treat mold or fungus infestation with bleaching solution (1 part bleach and 3 parts water).

APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

PAINTING DIRECTIONS: For best results use:

Sealer Universal Professional Concrete Sealer. Allow 1-2 hours drying time.

1st coat: Universal Base Coat Acrylic Primer PRO-50

To repair surface imperfection: Professional Concrete Putty White PRO-10

Spot/Full prime: Universal Base Coat Acrylic Primer PRO-50.

2nd – 3rd coat: Universal Professional Latex of desired sheen & color.

Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When expose to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic,** exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

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UNIVERSAL PROFESSIONAL

Concrete Neutralizer PRO-15



DESCRIPTION:

A liquid concentrate used for neutralizing the alkalinity of new and uncured concrete.

RECOMMENDED USES:

New and uncured concrete prior to priming.

PRODUCT APPEARANCE	: Liquid
PACKAGE VISCOSITY	: 10" #4 FC
COATING INTERVAL	:
THINNING	: Apply at package consistency
APPLICATION	: brush, roller
COVERAGE	: 160 m ² /4L
CLEAN-UP	: Water
PACKAGING SIZE	: 4, 16 liters
AVAILABLE COLORS	: Clear PRO-15

SURFACE PREPARATION:

New or unpainted surface

Remove dirt, dust, grit, loose mortar, oil, grease and other contaminants. New concrete must be cured at least 28 days before paint application. Please follow manufacturer's recommendation to check use litmus paper test.

Old or previously painted surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil and other contaminants. Treat mold or fungus infestation with bleaching solution (1 part bleach and 3 parts water).

APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

PAINTING DIRECTIONS: For best results use:

Mix 1 part Universal Professional Concrete Neutralizer PRO-15 to 8 parts water.

Sample: 4 liters mix with 32 liters of water.

1st coat: Using a roller brush apply 1 coat Universal Professional Concrete Neutralizer PRO-15. Allow to dry overnight. Rinse lime residue with water. Allow to dry complete before primer application.

Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When expose to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic,** exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

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UNIVERSAL PROFESSIONAL

Acrylic Emulsion Clear PRO-14



DESCRIPTION:

Premium grade water based acrylic clear sealer that dries to a glossy finish.

RECOMMENDED USES:

For interior and exterior concrete surfaces.

PRODUCT APPEARANCE	: Liquid Emulsion
PACKAGE VISCOSITY	: 90-95 kus
DRY FILM THICKNESS	:
DRY SET TO TOUCH	: 30 minutes
DRY HARD	: 4 hours
COATING INTERVAL	: 2 hours
THINNING	: Do not reduce
APPLICATION	: brush, roller
COVERAGE	: 20-25 m ² /4L depending on surface porosity & texture
CLEAN-UP	: Water
PACKAGING SIZE	: 4 liters
AVAILABLE COLORS	: Clear PRO-14
FINISH	: Glossy

SURFACE PREPARATION:

New or unpainted surface

Remove dirt, dust, grit, loose mortar, oil, grease and other contaminants. New concrete must be cured at least 28 days before paint application. Please follow manufacturer's recommendation to check use litmus paper test.

Old or previously painted surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil and other contaminants. Treat mold or fungus infestation with bleaching solution (1 part bleach and 3 parts water).

APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

PAINTING DIRECTIONS: For best results use:

- 1st coat: Universal Professional Acrylic Emulsion Clear PRO-14.
Allow 2 hours drying time between coats.
- 2nd coat: Universal Professional Acrylic Emulsion Clear PRO-14.
Allow 2 hours drying time.

UNIVERSAL PROFESSIONAL

Acrylic Emulsion Clear PRO-14



Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When expose to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic,** exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

DO NOT DISPOSE IN SEWERS, DRAINS OR BODIES OF WATER. If accidentally spilled, dike area around spill, absorb liquid in paper or other absorbent materials, and dispose contents in accordance to approved government regulations. Emptied containers (for non water-based product) may be hazardous due to product residues. Dispose packaging accordance to approved government regulations. Always recycle packaging when able.

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UNIVERSAL PLUS

Flat Latex



DESCRIPTION:

A high quality acrylic water-based paint that *dries* to a *flat* finish.

This product is lead and mercury free and has low VOC and good hiding. In addition, it is fast drying and has easy clean up properties.

RECOMMENDED USES:

Interior and exterior masonry, concrete, stucco, bricks, plaster, hollow blocks and properly primed wood.

PRODUCT APPEARANCE	: Liquid		
PACKAGE VISCOSITY	: 110-115 kus		
DRY FILM THICKNESS	:		
DRY SET TO TOUCH	: 30 minutes		
DRY HARD	: 2 hours		
COATING INTERVAL	: 1-2 hours depending on temperature		
THINNING	: Apply at package consistency		
APPLICATION	: brush, roller, spray		
COVERAGE	: 25-30 m ² /4L depending on surface porosity or texture		
CLEAN-UP	: Water		
PACKAGING SIZE	: 1, 4, 16 liters		
AVAILABLE COLORS	: White UP-200	Cloud Gray UP-201	
	Dusk UP-202	Dirty Snow UP-203	
	Grey Dawn UP-204	Staining Mocha UP-205	
	Blossom UP-206	Wave UP-207	
	Dove Gray UP-208	Pistachio UP-209	
	Pale Dune UP-210	Dew Drop UP-211	
	Prussian Blue UP-212	Beeswax UP-213	
	Leaf UP-214	Wild Carrot UP-215	
	Mimosa Yellow UP-216	Royal Purple UP-217	
	Cup of Cocoa UP-218	Chinese Green UP-219	
	Cherry UP-220		

Maybe tinted with Universal Acri Color Colorant

SURFACE PREPARATION:

New or unpainted surface

Remove dirt, dust, grit, loose mortar, oil, grease and other contaminants. New concrete must be cured at least 28 days before paint application. Please follow manufacturer's recommendation to check use litmus paper test.

Old or previously painted surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil and other contaminants. Treat mold or fungus infestation with bleaching solution (1 part bleach and 3 parts water).

APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

UNIVERSAL PLUS

Flat Latex



PAINTING DIRECTIONS: For best results use:

1st coat: Universal Plus Flat Latex White UP-100. Allow 1 hour drying time.

To remedy surface imperfections:

Putty: Universal Professional Concrete Putty White PRO-10. Allow 4 hours drying time.

2nd-3rd coat: Universal Plus Semi-gloss Latex of desired sheen & color.
Allow 1-2 hours drying time between coats.

Apply more coats if higher hiding is desired.

Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When expose to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic**, exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

DO NOT DISPOSE IN SEWERS, DRAINS OR BODIES OF WATER. If accidentally spilled, dike area around spill, absorb liquid in paper or other absorbent materials, and dispose contents in accordance to approved government regulations. Emptied containers (for non water-based product) may be hazardous due to product residues. Dispose packaging accordance to approved government regulations. Always recycle packaging when able.

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H-CHEM INDUSTRIES INC. • UNIVERSAL PAINTS SALES AND MARKETING INC.
53 Pasco Ave., Barangay Santolan, Pasig City, 1600 Philippines + 63 (2) 646-8801 / + 63 (2) 646-3571 / + 63 (2) 646-8329
care@universalpaint.net#

UNIVERSAL PLUS

Semi-gloss Latex



DESCRIPTION:

A high quality acrylic water-based paint that *dries* to a *semi-gloss* finish.

This product is lead and mercury free and has low VOC and good hiding. In addition, it is fast drying and has easy clean up properties.

RECOMMENDED USES:

Interior and exterior masonry, concrete, stucco, bricks, plaster, hollow blocks and properly primed wood.

PRODUCT APPEARANCE	: Liquid		
PACKAGE VISCOSITY	: 110-115 kus		
DRY FILM THICKNESS	:		
DRY SET TO TOUCH	: 30 minutes		
DRY HARD	: 2 hours		
COATING INTERVAL	: 1-2 hours depending on temperature		
THINNING	: Apply at package consistency		
APPLICATION	: brush, roller, spray		
COVERAGE	: 25-30 m ² /4L depending on surface porosity or texture		
CLEAN-UP	: Water		
PACKAGING SIZE	: 1, 4, 16 liters		
AVAILABLE COLORS	: White UP-200	Cloud Gray UP-201	
	Dusk UP-202	Dirty Snow UP-203	
	Grey Dawn UP-204	Staining Mocha UP-205	
	Blossom UP-206	Wave UP-207	
	Dove Gray UP-208	Pistachio UP-209	
	Pale Dune UP-210	Dew Drop UP-211	
	Prussian Blue UP-212	Beeswax UP-213	
	Leaf UP-214	Wild Carrot UP-215	
	Mimosa Yellow UP-216	Royal Purple UP-217	
	Cup of Cocoa UP-218	Chinese Green UP-219	
	Cherry UP-220		

Maybe tinted with Universal Acri Color Colorant

SURFACE PREPARATION:

New or unpainted surface

Remove dirt, dust, grit, loose mortar, oil, grease and other contaminants. New concrete must be cured at least 28 days before paint application. Please follow manufacturer's recommendation to check use litmus paper test.

Old or previously painted surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil and other contaminants. Treat mold or fungus infestation with bleaching solution (1 part bleach and 3 parts water).

APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

UNIVERSAL PLUS

Semi-gloss Latex



PAINTING DIRECTIONS: For best results use:

1st coat: Universal Plus Flat Latex White UP-100. Allow 1 hour drying time.

To remedy surface imperfections:

Putty: Universal Professional Concrete Putty White PRO-10. Allow 4 hours drying time.

2nd-3rd coat: Universal Plus Semi-gloss Latex of desired sheen & color.
Allow 1-2 hours drying time between coats.

Apply more coats if higher hiding is desired.

Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When expose to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic**, exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

DO NOT DISPOSE IN SEWERS, DRAINS OR BODIES OF WATER. If accidentally spilled, dike area around spill, absorb liquid in paper or other absorbent materials, and dispose contents in accordance to approved government regulations. Emptied containers (for non water-based product) may be hazardous due to product residues. Dispose packaging accordance to approved government regulations. Always recycle packaging when able.

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UNIVERSAL PLUS

Gloss Latex



DESCRIPTION:

A high quality acrylic water-based paint that *dries* to a *gloss* finish.

This product is lead and mercury free and has low VOC and good hiding. In addition, it is fast drying and has easy clean up properties.

RECOMMENDED USES:

Interior and exterior masonry, concrete, stucco, bricks, plaster, hollow blocks and properly primed wood.

PRODUCT APPEARANCE	: Liquid
PACKAGE VISCOSITY	: 110-115 kus
DRY FILM THICKNESS	:
DRY SET TO TOUCH	: 30 minutes
DRY HARD	: 2 hours
COATING INTERVAL	: 1-2 hours depending on temperature
THINNING	: Apply at package consistency
APPLICATION	: brush, roller, spray
COVERAGE	: 25-30 m ² /4L depending on surface porosity or texture
CLEAN-UP	: Water
PACKAGING SIZE	: 1, 4, 16 liters
AVAILABLE COLORS	: White UP-300 See Universal color collection Custom color available. Maybe tinted with Universal AcriColor Colorant



Because of its easy cleaning properties, Gloss Latex Finish is great for high traffic areas where walls get dirty frequently

SURFACE PREPARATION:

New or unpainted surface

Remove dirt, dust, grit, loose mortar, oil, grease and other contaminants. New concrete must be cured at least 28 days before paint application. Please follow manufacturer's recommendation to check use litmus paper test.

Old or previously painted surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil and other contaminants. Treat mold or fungus infestation with bleaching solution (1 part bleach and 3 parts water).

APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

PAINTING DIRECTIONS: For best results use:

1st coat: Universal Plus Flat Latex White UP-100. Allow 1-hour drying time.

To remedy surface imperfections:

Putty: Universal Professional Concrete Putty White PRO-10. Allow 4 hours drying time.

2nd-3rd coat: Universal Plus Gloss Latex of desired sheen & color.
Allow 1-2 hours drying time between coats.

Apply more coats if higher hiding is desired.

Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When expose to paint:

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Safety Information:

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Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

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POPULAR

Flat Latex



DESCRIPTION:

An economy grade water-based paint that *dries* to a *flat* finish- the ideal water-based paint for the budget-conscious user!

RECOMMENDED USES:

Interior and exterior masonry, concrete, stucco, bricks, plaster, hollow blocks and properly primed wood.

PRODUCT APPEARANCE	: Liquid
PACKAGE VISCOSITY	: 110-115 kus
DRY FILM THICKNESS	:
DRY SET TO TOUCH	: 30 minutes
DRY HARD	: 1 hour
COATING INTERVAL	: 1 hour
THINNING	: Apply at package consistency
APPLICATION	: brush, roller, spray
COVERAGE	: 20-25 m ² /4L depending on surface porosity or texture
CLEAN-UP	: Water
PACKAGING SIZE	: 1, 4, 16 liters
AVAILABLE COLORS	: White P-100 See Popular color collection Custom color available.



*Flat
Latex
can be
used as
a primer
and
topcoat
in one.*

SURFACE PREPARATION:

New or unpainted surface

Remove dirt, dust, grit, loose mortar, oil, grease and other contaminants. New concrete must be cured at least 28 days before paint application. Please follow manufacturer's recommendation to check use litmus paper test.

Old or previously painted surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil and other contaminants. Treat mold or fungus infestation with bleaching solution (1 part bleach and 3 parts water).

APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

PAINTING DIRECTIONS: For best results use:

1st coat: Popular Flat Latex White P-100. Allow 1 hour drying time

To remedy surface imperfections:

Putty: Universal Professional Concrete Putty White PRO-10. Allow 4 hours drying time.

2nd-3rd coat: Popular Flat Latex of desired sheen & color.
Allow 1-2 hours drying time between coats.

Apply more coats if higher hiding is desired.

Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When expose to paint:

Skin: Wash affected area with soap and water immediately.

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Safety Information:

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POPULAR

Semi-gloss Latex



DESCRIPTION:

An economy grade water-based paint that *dries* to a *semi-gloss* finish- the ideal water-based paint for the budget-conscious user!

RECOMMENDED USES:

Interior and exterior masonry, concrete, stucco, bricks, plaster, hollow blocks and properly primed wood.

PRODUCT APPEARANCE	: Liquid
PACKAGE VISCOSITY	: 110-115 kus
DRY FILM THICKNESS	:
DRY SET TO TOUCH	: 30 minutes
DRY HARD	: 2 hours
COATING INTERVAL	: 1-2 hours depending on temperature
THINNING	: Apply at package consistency
APPLICATION	: brush, roller, spray
COVERAGE	: 20-25 m ² /4L depending on surface porosity & texture
CLEAN-UP	: Water
PACKAGING SIZE	: 1, 4, 16 liters
AVAILABLE COLORS	: White P-200 See Popular color collection Custom color available.

SURFACE PREPARATION:

New or unpainted surface

Remove dirt, dust, grit, loose mortar, oil, grease and other contaminants. New concrete must be cured at least 28 days before paint application. Please follow manufacturer's recommendation to check use litmus paper test.

Old or previously painted surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil and other contaminants. Treat mold or fungus infestation with bleaching solution (1 part bleach and 3 parts water).

APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

PAINTING DIRECTIONS: For best results use:

1st coat: Popular Flat Latex White P-100. Allow 1 hour drying time.

To remedy surface imperfections:

Putty: Universal Professional Concrete Putty White PRO-10. Allow 4 hours drying time.

2nd-3rd coat: Popular Semi-gloss Latex of desired sheen & color.
Allow 1-2 hours drying time between coats.

Apply more coats if higher hiding is desired.

Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When expose to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

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Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic,** exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

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Environmental Information:

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POPULAR

Gloss Latex



DESCRIPTION:

An economy grade water-based paint that *dries* to a *gloss* finish- the ideal water-based paint for the budget-conscious user!

RECOMMENDED USES:

Interior and exterior masonry, concrete, stucco, bricks, plaster, hollow blocks and properly primed wood.

PRODUCT APPEARANCE	: Liquid
PACKAGE VISCOSITY	: 110-115 kus
DRY FILM THICKNESS	:
DRY SET TO TOUCH	: 30 minutes
DRY HARD	: 2 hours
COATING INTERVAL	: 1-2 hours depending on temperature
THINNING	: Apply at package consistency
APPLICATION	: brush, roller, spray
COVERAGE	: 20-25 m ² /4L depending on surface porosity or texture
CLEAN-UP	: Water
PACKAGING SIZE	: 1, 4, 16 liters
AVAILABLE COLORS	: White P-300 See Popular color collection Custom color available.



*Because of
its easy
cleaning
properties,
Gloss
Latex
Finish is
great for
high traffic
areas
where
walls get
dirty
frequently*

SURFACE PREPARATION:

New or unpainted surface

Remove dirt, dust, grit, loose mortar, oil, grease and other contaminants. New concrete must be cured at least 28 days before paint application. Please follow manufacturer's recommendation to check use litmus paper test.

Old or previously painted surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil and other contaminants. Treat mold or fungus infestation with bleaching solution (1 part bleach and 3 parts water).

APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

PAINTING DIRECTIONS: For best results use:

1st coat: Popular Flat Latex White P-100. Allow 1 hour drying time.

To remedy surface imperfections:

Putty: Universal Professional Concrete Putty White PRO-10. Allow 4 hours drying time.

2nd-3rd coat: Popular Gloss Latex of desired sheen & color.
Allow 1-2 hours drying time between coats.

Apply more coats if higher hiding is desired.

Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When expose to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic**, exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

DO NOT DISPOSE IN SEWERS, DRAINS OR BODIES OF WATER. If accidentally spilled, dike area around spill, absorb liquid in paper or other absorbent materials, and dispose contents in accordance to approved government regulations. Emptied containers (for non water-based product) may be hazardous due to product residues. Dispose packaging accordance to approved government regulations. Always recycle packaging when able.

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UNIVERSAL AQUAGUARD

Elastomeric Paint Satin Sheen



DESCRIPTION:

The AquaGuard Elastomeric Paint is a premium quality, high build elastomeric coating that *dries* to a *satin* finish.

This product provides long-lasting protection against extreme heat or rainy conditions. Unlike typical exterior paints, AquaGuard forms a tough and flexible barrier which bridges hairline cracks and pinholes. It seals exterior surfaces against water intrusion from light to typhoon level wind-driven rain and at the same time resists paint blistering by allowing trapped moisture to escape.

RECOMMENDED USES:

Interior and exterior masonry walls and ceilings, concrete hollow blocks, masonry constructions, and properly primed galvanized iron roofing.

PRODUCT APPEARANCE	: Liquid
PACKAGE VISCOSITY	: 105-115 kus
DRY FILM THICKNESS	:
DRY SET TO TOUCH	: 30 minutes
DRY HARD	: 2 hours
COATING INTERVAL	: 1-2 hours
THINNING	: Apply at package consistency
APPLICATION	: brush, roller
COVERAGE	: 25-30 m ² /4L depending on surface porosity & texture
CLEAN-UP	: Water
PACKAGING SIZE	: 1, 4, 16 liters
AVAILABLE COLORS	: Please see AquaGuard Elastomeric Color Collection <i>Custom colors available. Call us for details.</i> Maybe tinted with AquaTint Tinting Colorant



When applied correctly, AquaGuard elastomeric paint provides great protection against wind driven rain

SURFACE PREPARATION:

New or unpainted surface

Remove dirt, dust, grit, loose mortar, oil, grease and other contaminants. New concrete must be cured at least 28 days before paint application. Please follow manufacturer's recommendation to check use litmus paper test.

Old or previously painted surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil and other contaminants. Treat mold or fungus infestation with bleaching solution (1 part bleach and 3 parts water).

APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

PAINTING DIRECTIONS: For best results use:

IMPORTANT NOTE: Apply when temperatures are between 10° to 37°C. Do not apply if rain is imminent or forecast within 24 hours of application.

UNIVERSAL AQUAGUARD

Elastomeric Paint Satin Sheen



New concrete:

1st coat: AquaGuard Satin Finish White AG-100. Allow 1-2 hours drying time.

To remedy surface imperfections:

Putty: AquaPutty AGS-600. Allow 4 hours drying time.

Spot Prime: Aquaguard Satin Finish White AG-100

2nd-3rd coat AquaGuard Premium Elastomeric of desired sheen & color.

Old concrete:

1st coat: Aqua Guard Satin Finish White AG-100.

To remedy surface imperfections:

Putty: AquaPutty AGS-600

Spot Prime: Aquaguard Satin Finish White AG-100.

Allow 1-2 hours drying time between coats.

2nd-3rd coat AquaGuard Premium Elastomeric of desired sheen & color.

For textured finish: See AquaShield Cementitious Elastomeric Coating

Apply more coats if higher hiding is desired.

Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When expose to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic,** exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

DO NOT DISPOSE IN SEWERS, DRAINS OR BODIES OF WATER. If accidentally spilled, dike area around spill, absorb liquid in paper or other absorbent materials, and dispose contents in accordance to approved government regulations. Emptied containers (for non water-based product) may be hazardous due to product residues. Dispose packaging accordance to approved government regulations. Always recycle packaging when able.

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UNIVERSAL AQUAGUARD

Elastomeric Paint Semi-gloss Sheen



DESCRIPTION:

The AquaGuard Elastomeric Paint is a premium quality, high build elastomeric coating that *dries* to a *semi-gloss* finish.

This product provides long-lasting protection against extreme heat or rainy conditions. Unlike typical exterior paints, AquaGuard forms a tough and flexible barrier which bridges hairline cracks and pinholes. It seals exterior surfaces against water intrusion from light to typhoon level wind-driven rain and at the same time resists paint blistering by allowing trapped moisture to escape.

RECOMMENDED USES:

Interior and exterior masonry walls and ceilings, concrete hollow blocks, masonry constructions, and properly primed galvanized iron roofing.

PRODUCT APPEARANCE	: Liquid
PACKAGE VISCOSITY	: 105-115 kus
DRY FILM THICKNESS	:
DRY SET TO TOUCH	: 30 minutes
DRY HARD	: 2 hours
COATING INTERVAL	: 1-2 hours depending on temperature
THINNING	: Apply at package consistency
APPLICATION	: brush, roller
COVERAGE	: 25-30 m ² /4L depending on surface porosity & texture
CLEAN-UP	: Water
PACKAGING SIZE	: 1, 4, 16 liters
AVAILABLE COLORS	: Please see AquaGuard Elastomeric Color Collection Custom colors available. Call us for details. Maybe tinted with AquaTint Tinting Colorant



When applied correctly, AquaGuard elastomeric paint provides great protection against wind driven rain

SURFACE PREPARATION:

New or unpainted surface

Remove dirt, dust, grit, loose mortar, oil, grease and other contaminants. New concrete must be cured at least 28 days before paint application. Please follow manufacturer's recommendation to check use litmus paper test.

Old or previously painted surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil and other contaminants. Treat mold or fungus infestation with bleaching solution (1 part bleach and 3 parts water).

APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

PAINTING DIRECTIONS: For best results use:

IMPORTANT NOTE: Apply when temperatures are between 10° to 37°C. Do not apply if rain is imminent or forecast within 24 hours of application.

UNIVERSAL AQUAGUARD

Elastomeric Paint Semi-gloss Sheen



New concrete:

1st coat: AquaGuard Satin Finish White AG-100. Allow 1-2 hours drying time.

To remedy surface imperfections:

Putty: AquaPutty AGS-600. Allow 4 hours drying time.

Spot Prime: Aquaguard Satin Finish White AG-100

2nd-3rd coat AquaGuard Premium Elastomeric of desired sheen & color.

Old concrete:

1st coat: Aqua Guard Satin Finish White AG-100

To remedy surface imperfections:

Putty: AquaPutty AGS-600

Spot Prime: Aquaguard Satin Finish White AG-100.

Allow 1-2 hours drying time between coats

2nd-3rd coat AquaGuard Premium Elastomeric of desired sheen & color.

For textured finish: See AquaShield Cementitious Elastomeric Coating

Apply more coats if higher hiding is desired.

Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When expose to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic,** exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

DO NOT DISPOSE IN SEWERS, DRAINS OR BODIES OF WATER. If accidentally spilled, dike area around spill, absorb liquid in paper or other absorbent materials, and dispose contents in accordance to approved government regulations. Emptied containers (for non water-based product) may be hazardous due to product residues. Dispose packaging accordance to approved government regulations. Always recycle packaging when able.

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AQUASHIELD Elastomeric Cementitious Waterproofing Coating AGS-800



DESCRIPTION:

Water-based cement additive based on a styrene acrylic formulation. AquaShield dries to a high build extremely durable, flexible but tough cementitious finish.

AquaShield exhibits all-around weather and water resistance, excellent durability and flexibility, outstanding adhesion, and abrasion resistance. It is ideal for vertical applications such as high rise exterior walls, basement parking walls and firewalls. Other areas where AquaShield excels are horizontal applications like concrete roof decks, toilet and bathroom walls, swimming pools, and areas where water ponding or build-up is expected.

RECOMMENDED USES:

Interior and exterior vertical and horizontal concrete surfaces.

PRODUCT APPEARANCE	: Liquid
PACKAGE VISCOSITY	: 50-55 kus
DRY FILM THICKNESS	:
DRY SET TO TOUCH	: 30 minutes
DRY HARD	: 2 hours
COATING INTERVAL	: 1-2 hours depending on temperature
THINNING	: Do not reduce
APPLICATION	: brush, roller, spray
COVERAGE	: 18-20 m ² /4L depending on surface texture
CLEAN-UP	: Water
PACKAGING SIZE	: 4, 16 liters
MIXING RATIO	: 1 Liter of Aqua Shield AGS-800: 1 kg. of Portland Cement
AVAILABLE COLORS	: Milky White
POT LIFE	: 24 hours after compounding with portland cement.
FINISH	: Satin

SURFACE PREPARATION:

New or unpainted surface

Remove dirt, dust, grit, loose mortar, oil, grease and other contaminants. New concrete must be cured at least 28 days before paint application. Please follow manufacturer's recommendation to check use litmus paper test.

Old or previously painted surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil and other contaminants. Treat mold or fungus infestation with bleaching solution (1 part bleach and 3 parts water).

APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

AQUASHIELD Elastomeric Cementitious Waterproofing Coating AGS-800



PAINTING DIRECTIONS: For best results use:

IMPORTANT NOTE: Apply when temperatures are between 10° to 37°C. Do not apply if rain is imminent or forecast within 24 hours of application.

Vertical Application

Mix 4 kgs. of Cement to 4 liters of AquaShield AGS-800. Mix well with mechanical stirrer.

1st – 2nd coat: AquaShield AGS-800. Allow 1-2 hours drying time between coats.

Horizontal Application

Mix 4kgs. of Cement to 4 liters of AquaShield AGS-800. Mix well with mechanical stirrer.

For best results: Apply 5 coats of AquaShield AGS-800.

Allow 1-2 hours drying time between coats.

Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When expose to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic,** exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

DO NOT DISPOSE IN SEWERS, DRAINS OR BODIES OF WATER. If accidentally spilled, dike area around spill, absorb liquid in paper or other absorbent materials, and dispose contents in accordance to approved government regulations. Emptied containers (for non water-based product) may be hazardous due to product residues. Dispose packaging accordance to approved government regulations. Always recycle packaging when able.

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UNIVERSAL AQUATEX

Elastomeric Cast AGS-500



DESCRIPTION:

A premium quality water-based elastomeric cast.

This product is formulated to have a thick consistency and for a textured finish that has waterproofing qualities.

RECOMMENDED USES:

Vertical applications such as concrete walls and fire walls.

*For best results, use AquaGuard Elastomeric Paint as topcoat

PRODUCT APPEARANCE	: Liquid
PACKAGE VISCOSITY	: Paste Like
DRY FILM THICKNESS	:
DRY SET TO TOUCH	: 1 hour
DRY HARD	: 4 hours
COATING INTERVAL	: 2 hours
THINNING	: Apply at package consistency
APPLICATION	: brush, roller
COVERAGE	: 8-12 m ² /4L
CLEAN-UP	: Water
PACKAGING SIZE	: 1, 4 liters
AVAILABLE COLORS	: White AGS-500
FINISH	: Satin

SURFACE PREPARATION:

New or unpainted surface

Remove dirt, dust, grit, loose mortar, oil, grease and other contaminants. New concrete must be cured at least 28 days before paint application. Please follow manufacturer's recommendation to check use litmus paper test.

Old or previously painted surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil and other contaminants. Treat mold or fungus infestation with bleaching solution (1 part bleach and 3 parts water).

APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

PAINTING DIRECTIONS: For best results:

- 1st coat: AquaGuard Elastomeric Paint Satin Sheen White AG-100.
Allow 1-2 hours drying time.
- 2nd coat: AquaTex Elastomeric Cast AGS-500. Allow 4 hours drying time.
- 3rd - 4th coat: AquaGuard Elastomeric Paint of desired sheen & color.
Allow 1-2 hours drying time between coats.

Apply more coats if higher hiding is desired.

Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When expose to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic**, exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

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UNIVERSAL AQUATINT

Elastomeric Tinting Colorant



DESCRIPTION:

An elastomeric colorant formulated specifically for tinting AquaGuard elastomeric paints.

RECOMMENDED USES:

Tinting AquaGuard elastomeric paints

PRODUCT APPEARANCE	: Liquid			
PACKAGE VISCOSITY	: 105-115 kus			
THINNING	: Do not dilute			
APPLICATION	: mix by stirring			
COVERAGE	: depending on shade or tint			
CLEAN-UP	: Water			
PACKAGING SIZE	: 1 liter			
AVAILABLE COLORS	: Black	AGT-100	Bright Red	AGT-200
	Bright Yellow	AGT-300	Pthalo Blue	AGT-400
	Pthalo Green	AGT-500	Raw Sienna	AGT-600
	Venetian Red	AGT-700		
FINISH	: Satin			

SURFACE PREPARATION:

New or unpainted surface

Remove dirt, dust, grit, loose mortar, oil, grease and other contaminants. New concrete must be cured at least 28 days before paint application. Please follow manufacturer's recommendation to check use litmus paper test.

Old or previously painted surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil and other contaminants. Treat mold or fungus infestation with bleaching solution (1 part bleach and 3 parts water).

APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

PAINTING DIRECTIONS:

Mix well before use. Add Aquatint Elastomeric Tinting Colorant until desired color is achieved. Mix well prior to application.

UNIVERSAL AQUATINT

Elastomeric Tinting Colorant



Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When expose to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic,** exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

DO NOT DISPOSE IN SEWERS, DRAINS OR BODIES OF WATER. If accidentally spilled, dike area around spill, absorb liquid in paper or other absorbent materials, and dispose contents in accordance to approved government regulations. Emptied containers (for non water-based product) may be hazardous due to product residues. Dispose packaging accordance to approved government regulations. Always recycle packaging when able.

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UNIVERSAL AQUAPUTTY

Elastomeric Putty AGS-600



DESCRIPTION:

A ready-mix single-component elastomeric putty formulated specifically to be used with AquaGuard elastomeric paint for the repairing and filling of minor concrete surface imperfections.

RECOMMENDED USES:

Interior and exterior masonry walls and ceilings, concrete blocks, and masonry constructions.

PRODUCT APPEARANCE	: Liquid
PACKAGE VISCOSITY	: Heavy paste
DRY FILM THICKNESS	:
DRY SET TO TOUCH	: 30 minutes
DRY HARD	: 4 hours
COATING INTERVAL	: 1-2 hours depending on temperature
THINNING	: do not reduce
APPLICATION	: putty knife
COVERAGE	: 8-10 m ² /4L
CLEAN-UP	: Water
PACKAGING SIZE	: 4, 16 liters
AVAILABLE COLORS	: White AG-600
FINISH	: Satin

SURFACE PREPARATION:

New or unpainted surface

Remove dirt, dust, grit, loose mortar, oil, grease and other contaminants. New concrete must be cured at least 28 days before paint application. Please follow manufacturer's recommendation to check use litmus paper test.

Old or previously painted surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil and other contaminants. Treat mold or fungus infestation with bleaching solution (1 part bleach and 3 parts water).

APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

PAINTING DIRECTIONS: For best results:

As Spot Putty

1st coat: AquaGuard Satin Finish White AG-100. Allow 1-2 hours drying time.

To remedy surface imperfections:

Putty: AquaPutty AGS-600. Allow 1-2 hours drying time then sand smooth.

Spot prime: AquaGuard Satin Finish White AG-100. Allow 1-2 hours drying time.

2nd – 3rd coats: AquaGuard Premium Elastomeric of desired sheen & color.
Allow 1-2 hours drying time between coats.

UNIVERSAL AQUAPUTTY

Elastomeric Putty AGS-600



Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When expose to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic**, exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

DO NOT DISPOSE IN SEWERS, DRAINS OR BODIES OF WATER. If accidentally spilled, dike area around spill, absorb liquid in paper or other absorbent materials, and dispose contents in accordance to approved government regulations. Emptied containers (for non water-based product) may be hazardous due to product residues. Dispose packaging accordance to approved government regulations. Always recycle packaging when able.

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UNIVERSAL ROOF ARMOUR

Roofing Paint



DESCRIPTION:

A premium grade, fast drying roof paint formulated using UV color fading-resistant materials.

This product dries to a hard glossy yet flexible finish ensuring long-lasting weather protection.

RECOMMENDED USES:

Galvanized iron, pre-painted galvanized sheet, concrete and unglazed tiles.

PRODUCT APPEARANCE	: Liquid		
PACKAGE VISCOSITY	: 100-110 kus		
DRY FILM THICKNESS	:		
DRY SET TO TOUCH	: 30 minutes		
DRY HARD	: 2 hours		
COATING INTERVAL	: 1-2 hours depending on temperature		
THINNING	: Apply at package consistency		
APPLICATION	: brush, roller		
COVERAGE	: 20-25 m ² /4L depending on surface porosity & texture		
CLEAN-UP	: Water		
PACKAGING SIZE	: 4, 16 liters		
AVAILABLE COLORS	: Atlantic Blue RA-803	Baguio Green RA-753	
	Spanish Red RA-752	Chocolate Hills RA-756	
	Samar Beige RA-751	Ocean Blue RA-754	
	Laguna White RA-750	Vigan Orange RA-755	
FINISH	: Glossy		

SURFACE PREPARATION:

New or unpainted GI

Treat with Universal Professional Rust Converter diluted with water at 1:8 ratio. Allow to dry. Wipe surface with paint thinner.

Old or previously painted GI

1. Old - Remove all loose and peeling paint. Wipe surface clean.
2. Rusty - Remove rust by scraping with sand paper or treat with Universal Professional Rust Converter. Wipe surface with paint thinner.

New unglazed tiles and concrete surface

Treat surface with Universal Professional Concrete Neutralizer PRO-15. Allow to dry overnight, rinse with water and let dry.

APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

UNIVERSAL ROOF ARMOUR

Roofing Paint



PAINTING DIRECTIONS: For best results use:

For GI:

- 1st coat: Universal Professional Metal Primer Red Oxide PRO-17.
Allow 3-4 hours drying time.
- 2nd-3rd coat: Roof Armor Paint of desired color.
Allow to dry 1-2 hours drying time between coats.

New unglazed tiles and concrete surfaces

- 1st coat: Universal Professional Uni-Tile Primer White PRO-600 or
Aqua Guard Satin Finish White AG-100. Allow 1-2 hours drying time.
- 2nd-3rd coat: Roof Armor Paint of desired color.
Allow to dry 1-2 hours drying time between coats.

Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When exposed to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic,** exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

DO NOT DISPOSE IN SEWERS, DRAINS OR BODIES OF WATER. If accidentally spilled, dike area around spill, absorb liquid in paper or other absorbent materials, and dispose contents in accordance to approved government regulations. Emptied containers (for non water-based product) may be hazardous due to product residues. Dispose packaging accordance to approved government regulations. Always recycle packaging when able.

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UNIVERSAL FLOOR MASTER

Epoxy Deep Penetrating Sealer PRO-730



DESCRIPTION:

A premium quality industrial grade concrete sealer formulated to seal pores on concrete surfaces before application of Universal Floor Master Epoxy Floor Primer PRO-XXX.

RECOMMENDED USES:

Concrete flooring.

PRODUCT APPEARANCE	: Liquid
PACKAGE VISCOSITY	: 9-10"#4FC
DRY FILM THICKNESS	:
DRY SET TO TOUCH	: 2 hours
DRY HARD	: 8 hours
COATING INTERVAL	: 4 hours
THINNING	: Do not dilute
APPLICATION	: brush, roller, spray
COVERAGE	: 20-25 m ² /4L depending on surface porosity & texture
CLEAN-UP	: Epoxy Reducer
PACKAGING SIZE	: 1, 4 liters
AVAILABLE COLORS	: Clear PRO-730
INDUCTION TIME	: 15 minutes
MIXING RATIO	: 3 parts Universal Floor Master Deep Penetrating Sealer 1 part FC catalyst 95-002

SURFACE PREPARATION:

New or unpainted surface

Remove dirt, dust, grit, loose mortar, oil, grease and other contaminants. New concrete must be cured at least 28 days before paint application. Please follow manufacturer's recommendation to check use litmus paper test.

Old or previously painted surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil and other contaminants. Treat mold or fungus infestation with bleaching solution (1 part bleach and 3 parts water).

APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

PAINTING DIRECTIONS: For best results use:

Specify mixing ratio by volume / recommended induction time.

- 1st coat: Universal Floor Master Deep Penetrating Sealer PRO-730.
Allow 4 hours drying time.
- 2nd coat: Universal Floor Master Epoxy Floor Primer PRO-XXX,
Allow 4 hours drying time then sand lightly.

UNIVERSAL FLOOR MASTER

Epoxy Deep Penetrating Sealer PRO-730



To remedy surface imperfections:

Repair with Polyester Polybond Bodyfiller. Allow 4 hours drying time.

Spot prime with Universal Floor Master Epoxy Floor Primer PRO-XXX. Allow 4 hours drying time.

3rd – 4th coat: Universal Floor Master Epoxy Floor Topcoat of desired color.

Allow 24 hours drying time between coats.

Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When expose to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic,** exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

DO NOT DISPOSE IN SEWERS, DRAINS OR BODIES OF WATER. If accidentally spilled, dike area around spill, absorb liquid in paper or other absorbent materials, and dispose contents in accordance to approved government regulations. Emptied containers (for non water-based product) may be hazardous due to product residues. Dispose packaging accordance to approved government regulations. Always recycle packaging when able.

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UNIVERSAL FLOOR MASTER

Epoxy Floor Coating Primer



DESCRIPTION:

A premium quality industrial grade primer for Universal Floor Master Epoxy Floor Coating System.

This product is high build primer formulated for heavy-duty floor protection. It features excellent surface adhesion, chemical and solvent resistance, and exceptional abrasion resistance, thus requiring less surface maintenance. This system is classified as a) Light b) Medium, or c) Heavy grade protection.

RECOMMENDED USES:

Interior concrete surfaces.

PRODUCT APPEARANCE	: Liquid
PACKAGE VISCOSITY	: 65-70 kus
INDUCTION TIME	: 15 minutes
DRY FILM THICKNESS	:
DRY SET TO TOUCH	: 2 hours
DRY HARD	: 8 hours
COATING INTERVAL	: 4 hours
THINNING	: Epoxy Reducer
APPLICATION	: brush, roller, spray
COVERAGE	: 20-25 m ² /4L depending on surface porosity & texture.
CLEAN-UP	: Epoxy Reducer
PACKAGING SIZE	: 4 liters
AVAILABLE COLORS	: White PRO-740, Light Gray PRO-741, Gray PRO-742
MIXING RATIO	: 3 parts Universal Floor Master Floor Coating Primer PRO-XXX 1 part FC catalyst

SURFACE PREPARATION:

New or unpainted surface

Remove dirt, dust, grit, loose mortar, oil, grease and other contaminants. New concrete must be cured at least 28 days before paint application. Please follow manufacturer's recommendation to check use litmus paper test.

Old or previously painted surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil and other contaminants. Treat mold or fungus infestation with bleaching solution (1 part bleach and 3 parts water).

APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

UNIVERSAL FLOOR MASTER

Epoxy Floor Coating Primer



PAINTING DIRECTIONS: For best results use:

- 1st coat: Universal Floor Master Deep Penetrating Sealer PRO-730.
Allow 4 hours drying time.
- 2nd coat: Universal Floor Master Epoxy Floor Primer PRO-XXX.
Allow 4 hours drying time then sand lightly.

To remedy surface imperfections:

Repair with Polyester Polybond Bodyfiller. Allow 4 hours drying time.
Spot prime with Universal Floor Master Epoxy Floor Primer PRO-XXX. Allow 4 hours drying time.
3rd – 4th coat: Universal Floor Master Epoxy Floor Topcoat of desired color.
Allow 24 hours drying time between coats.

Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When expose to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic,** exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

DO NOT DISPOSE IN SEWERS, DRAINS OR BODIES OF WATER. If accidentally spilled, dike area around spill, absorb liquid in paper or other absorbent materials, and dispose contents in accordance to approved government regulations. Emptied containers (for non water-based product) may be hazardous due to product residues. Dispose packaging accordance to approved government regulations. Always recycle packaging when able.

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UNIVERSAL FLOOR MASTER

Epoxy Floor Coating Topcoat



DESCRIPTION:

A premium quality industrial grade topcoat for Universal Floor Master Epoxy Floor Coating System.

This product is high build topcoat formulated for heavy-duty floor protection. It features excellent surface adhesion, chemical and solvent resistance, and exceptional abrasion resistance, thus requiring less surface maintenance. This system is classified as a) Light b) Medium, or c) Heavy grade protection.

RECOMMENDED USES:

Interior concrete surfaces.

PRODUCT APPEARANCE	: Liquid
PACKAGE VISCOSITY	: 65-70 kus
INDUCTION TIME	: 15 minutes
DRY FILM THICKNESS	:
DRY SET TO TOUCH	: 4 hours
DRY HARD	: 48 hours pedestrian traffic
COATING INTERVAL	: 24 hours
THINNING	: Epoxy Reducer
APPLICATION	: brush, roller, spray
COVERAGE	: 20-25 m ² /4L depending on surface porosity & texture
CLEAN-UP	: Epoxy Reducer
PACKAGING SIZE	: 4 liters
AVAILABLE COLORS	: Clear PRO-750 Black PRO-752 Winter White PRO-751 Battleship Gray PRO-754 Smoke Gray PRO-754A Pine Green PRO-755 Safety Yellow PRO-756 Cardinal Red PRO-757 Safety Orange PRO-758 Riviera PRO-761 Blue Bay PRO-753 Ocean Blue PRO-753A Granite PRO-762 Onyx PRO-763 Pale Pewter PRO-759 Dune Beige PRO-760
MIXING RATIO	: 3parts Universal Floor Master Floor Coating Topcoat PRO-XXX 1 part FC catalyst <i>Color can be customized to client's needs. Please call us for details.</i>
FINISH	: Gloss

SURFACE PREPARATION:

New or unpainted surface

Remove dirt, dust, grit, loose mortar, oil, grease and other contaminants. New concrete must be cured at least 28 days before paint application. Please follow manufacturer's recommendation to check use litmus paper test.

Old or previously painted surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil and other contaminants. Treat mold or fungus infestation with bleaching solution (1 part bleach and 3 parts water).

UNIVERSAL FLOOR MASTER

Epoxy Floor Coating Topcoat



APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

PAINTING DIRECTIONS: For best results use:

- 1st coat: Universal Floor Master Deep Penetrating Sealer PRO-730.
Allow 4 hours drying time.
- 2nd coat: Universal Floor Master Epoxy Floor Primer PRO-XXX.
Allow 4 hours drying time then sand lightly.

To remedy surface imperfections:

Repair with Polyester Polybond Bodyfiller. Allow 4 hours drying time.
Spot prime with Universal Floor Master Epoxy Floor Primer PRO-XXX. Allow 4 hours drying time.
3rd – 4th coat: Universal Floor Master Epoxy Floor Topcoat of desired color.
Allow 24 hours drying time between coats.

Apply more coats if higher hiding is desired.

Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When expose to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic**, exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

DO NOT DISPOSE IN SEWERS, DRAINS OR BODIES OF WATER. If accidentally spilled, dike area around spill, absorb liquid in paper or other absorbent materials, and dispose contents in accordance to approved government regulations. Emptied containers (for non water-based product) may be hazardous due to product residues. Dispose packaging accordance to approved government regulations. Always recycle packaging when able.

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UNIVERSAL FLOOR MASTER

Chlorinated Rubber Based Paint (CRB)



DESCRIPTION:

A premium quality floor coating for interior & exterior applications.

This products exhibits outstanding weather, alkali, chemical, solvent, UV and abrasion resistance.

RECOMMENDED USES:

Areas exposed to chemicals and highly corrosive environments such as manufacturing facilities as well as exterior high-traffic areas such as sports facilities and parking lots.

PRODUCT APPEARANCE	: Liquid
PACKAGE VISCOSITY	: 70-75 kus
DRY FILM THICKNESS	:
DRY SET TO TOUCH	: 2 hours
DRY HARD	: 24 hours
COATING INTERVAL	: 4 hours
THINNING	: CRB Reducer
APPLICATION	: brush, roller, spray
COVERAGE	: 20-25 m ² /4L depending on surface porosity & texture
CLEAN-UP	: CRB Reducer
PACKAGING SIZE	: 1, 4 liters
AVAILABLE COLORS	: Winter White PRO-700 Battleship Gray PRO-701 Smoke Gray PRO-701A Pine Green PRO-702 Safety Yellow PRO-704 Cardinal Red PRO-705 Safety Orange PRO-706 Riviera PRO-709 Blue Bay PRO-703 Ocean Blue PRO-703A Granite PRO-710 Onyx PRO-711 Pale Pewter PRO-707 Dune Beige PRO-708
	<i>Color can be customized to client's needs. Please call us for details.</i>
FINISH	: Gloss

SURFACE PREPARATION:

Masonry

New or unpainted surface

Remove dirt, dust, grit, loose mortar, oil, grease and other contaminants. New concrete must be cured at least 28 days before paint application. Please follow manufacturer's recommendation to check use litmus paper test.

Old or previously painted surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil and other contaminants. Treat mold or fungus infestation with bleaching solution (1 part bleach and 3 parts water).

Metal

New or unpainted surface

Ensure that the metal surface is free from oil, grease, rust, and other surface contaminants. Remove thick rust by sand blasting and thin rust by wire brushing, sanding or scraping. Dust the surface and wipe surface clean prior to priming with metal primer red oxide.

Old or previously painted surface

Remove all loose, peeling, paint, rust, dirt, dust, grease, oil and other contaminants by wire brushing or scraping. Wipe surface clean and priming with metal primer red oxide.

UNIVERSAL FLOOR MASTER

Chlorinated Rubber Based Paint (CRB)



APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

PAINTING DIRECTIONS: For best results use:

Masonry

1st coat: Universal Floor Master Deep Penetrating Sealer PRO-730

To remedy surface imperfections:

Putty: Otto Polybond Polyester Body Filler OTTO-500

2nd coat: Universal Floor Master Epoxy Floor Primer PRO-XXX.

Allow 8 hours drying time then sand.

3rd coat: Universal Floor Master Chlorinated Rubber Based Paint of desired color, with light sanding in between coats

Metal

1st coat: Universal Floor Master Epoxy Primer PRO-800.

2nd-3rd coat: Universal Floor Master Chlorinated Rubber Based Paint of desired color, with light sanding in between coats

Apply more coats if higher hiding is desired.

Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When expose to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic**, exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

DO NOT DISPOSE IN SEWERS, DRAINS OR BODIES OF WATER. If accidentally spilled, dike area around spill, absorb liquid in paper or other absorbent materials, and dispose contents in accordance to approved government regulations. Emptied containers (for non water-based product) may be hazardous due to product residues. Dispose packaging accordance to approved government regulations. Always recycle packaging when able.

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UNIVERSAL FLOOR MASTER

Self-Leveling Epoxy Primer (Solvent-less)



DESCRIPTION:

A two component epoxy primer for Universal Floor Master Self-Leveling Epoxy Coating.

RECOMMENDED USES:

Best for leveling of uneven or pockmarked concrete surfaces.

PRODUCT APPEARANCE	: Liquid		
PACKAGE VISCOSITY	: Viscous liquid		
DRY FILM THICKNESS	:		
DRY SET TO TOUCH	: 4 hours		
DRY HARD	: Pedestrian Traffic - 48 hours		
	: Vehicular Traffic - 3-4 days		
COATING INTERVAL	: overnight / 24 hours		
THINNING	: Do not reduce, Apply at package consistency		
MIXING RATIO	: 2 Parts Primer		
	: 1 Part SL Catalyst		
INDUCTION TIME	:		
APPLICATION	: by trowel, brush, roller		
COVERAGE	: For thickness of:	0.5 – 0.7mm	= 8 - 10 m ² /4L
		2mm	= 3 - 4 m ² /4L
		3mm	= 2 - 3 m ² /4L
CLEAN-UP	: Epoxy Reducer		
PACKAGING SIZE	: 4 liters		
AVAILABLE COLORS	: Clear		
FINISH	: Glossy		

SURFACE PREPARATION:

New or unpainted surface

Remove dirt, dust, grit, loose mortar, oil, grease and other contaminants. New concrete must be cured at least 28 days before paint application. Please follow manufacturer's recommendation to check use litmus paper test.

Old or previously painted surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil and other contaminants. Treat mold or fungus infestation with bleaching solution (1 part bleach and 3 parts water).

APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

PAINTING DIRECTIONS: For best results use:

- 1st coat: Universal Floor Master Solvent-Less/Self-Leveling Epoxy Primer PRO-770.
Allow overnight to dry.
- 2nd coat: Universal Floor Master Solvent-Less/Self-Leveling Topcoat PRO-XXX of desired color. Allow 48 hours drying time for pedestrian traffic. Allow 3-4 days maximum cure for vehicular traffic.

UNIVERSAL FLOOR MASTER

Self-Leveling Epoxy Primer (Solvent-less)



Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When expose to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic**, exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

DO NOT DISPOSE IN SEWERS, DRAINS OR BODIES OF WATER. If accidentally spilled, dike area around spill, absorb liquid in paper or other absorbent materials, and dispose contents in accordance to approved government regulations. Emptied containers (for non water-based product) may be hazardous due to product residues. Dispose packaging accordance to approved government regulations. Always recycle packaging when able.

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UNIVERSAL FLOOR MASTER

Self-Leveling Epoxy Topcoat (Solvent-less)



DESCRIPTION:

A premium high grade solvent less epoxy paint formulated for heavy duty floor coating.

It features excellent leveling properties, high chemical, abrasion and impact resistance. Moreover, it is also formulated to have excellent color retention and high gloss.

RECOMMENDED USES:

Leveling uneven or pockmarked concrete surfaces.

PRODUCT APPEARANCE	: Liquid		
PACKAGE VISCOSITY	: Viscous liquid		
DRY FILM THICKNESS	:		
DRY SET TO TOUCH	: 4 hours		
DRY HARD	: 48 hours for pedestrian traffic, 3-4 days vehicular traffic		
THINNING	: Do not reduce, Apply at package consistency		
MIXING RATIO	: 2 Parts Topcoat 1 Part SL Catalyst		
INDUCTION TIME	:		
APPLICATION	: by trowel, brush, roller		
COVERAGE	: For thickness of:	0.5 – 0.7mm	= 8 - 10 m ² /4L
		2mm	= 3 - 4 m ² /4L
		3mm	= 2 - 3 m ² /4L
CLEAN-UP	: Epoxy Reducer		
PACKAGING SIZE	: 4 Liters		
AVAILABLE COLORS	: Black	PRO-772	
	Winter White	PRO-771	Battleship Gray PRO-774
	Smoke Gray	PRO-774A	Pine Green PRO-775
	Safety Yellow	PRO-776	Cardinal Red PRO-777
	Safety Orange	PRO-778	Riviera PRO-786
	Blue Bay	PRO-773	Ocean Blue PRO-773A
	Granite	PRO-787	Onyx PRO-778
	Pale Pewter	PRO-779	Dune Beige PRO-785
	<i>Color can be customized to client's needs. Please call us for details.</i>		
FINISH	: High gloss finish		

SURFACE PREPARATION:

New or unpainted surface

Remove dirt, dust, grit, loose mortar, oil, grease and other contaminants. New concrete must be cured at least 28 days before paint application. Please follow manufacturer's recommendation to check use litmus paper test.

Old or previously painted surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil and other contaminants. Treat mold or fungus infestation with bleaching solution (1 part bleach and 3 parts water).

UNIVERSAL FLOOR MASTER

Self-Leveling Epoxy Topcoat (Solvent-less)



APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

PAINTING DIRECTIONS: For best results use:

- 1st coat: Universal Floor Master Solvent-Less/Self-Leveling Epoxy Primer PRO-770.
Allow 8 hours drying time.
- 2nd coat: Universal Floor Master Solvent-Less/Self-Leveling Topcoat PRO-XXX of desired color. Allow 48 hours drying time for pedestrian traffic and 3-4 days maximum cure for vehicular traffic.

Apply more coats if higher hiding is desired.

Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When expose to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic**, exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

DO NOT DISPOSE IN SEWERS, DRAINS OR BODIES OF WATER. If accidentally spilled, dike area around spill, absorb liquid in paper or other absorbent materials, and dispose contents in accordance to approved government regulations. Emptied containers (for non water-based product) may be hazardous due to product residues. Dispose packaging accordance to approved government regulations. Always recycle packaging when able.

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UNIVERSAL FLOOR MASTER

Epoxy Non-Toxic Primer PRO-780



DESCRIPTION:

A two component primer for Universal Floor Master Epoxy Non-Toxic Epoxy Topcoat.

RECOMMENDED USES:

Steel and concrete water tank lining, abattoirs, food preparation facilities and sanitation facilities.

PRODUCT APPEARANCE	: Liquid
PACKAGE VISCOSITY	: 65-70 kus
DRY FILM THICKNESS	:
DRY SET TO TOUCH	: 2 hours
DRY HARD	: 48 hours
COATING INTERVAL	: 24 hours
THINNING	: Universal Floor Master Epoxy Non-Toxic Reducer
MIXING RATIO	: 3 Parts Primer 1 Part FC Catalyst
INDUCTION TIME	: 15 minutes
APPLICATION	: brush, roller, spray
COVERAGE	: 20-25 m ² /4L depending on surface porosity & texture
CLEAN-UP	: Universal Floor Master Epoxy Non-Toxic Reducer
PACKAGING SIZE	: 1, 4 liters
AVAILABLE COLORS	: White

SURFACE PREPARATION:

Masonry

New or unpainted surface

Remove dirt, dust, grit, loose mortar, oil, grease and other contaminants. New concrete must be cured at least 28 days before paint application. Please follow manufacturer's recommendation to check use litmus paper test.

Old or previously painted surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil and other contaminants. Treat mold or fungus infestation with bleaching solution (1 part bleach and 3 parts water).

Metal

New or unpainted surface

Ensure that the metal surface is free from oil, grease, rust, and other surface contaminants. Remove thick rust by sand blasting and thin rust by wire brushing, sanding or scraping. Dust the surface and wipe surface clean prior to priming with metal primer red oxide.

Old or previously painted surface

Remove all loose, peeling, paint, rust, dirt, dust, grease, oil and other contaminants by wire brushing or scraping. Wipe surface clean and priming with metal primer red oxide.

APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

UNIVERSAL FLOOR MASTER

Epoxy Non-Toxic Primer PRO-780



PAINTING DIRECTIONS: For best results use:

For Concrete Surface

- 1st coat: Universal Floor Master Deep Penetrating Sealer (DPS) PRO-730.
Allow 4 hours drying time.
- 2nd coat: Universal Floor Master Epoxy Non-Toxic Primer PRO-780.
Allow 4 hours drying time then sand lightly and dust off.
- 3rd - 4th coat: Universal Floor Master Epoxy Non-Toxic Topcoat PRO-781
Allow 24 hours drying time between coats.

*Allow 48 hours after application of final topcoat.

For Metal Surface

- 1st coat: Universal Floor Master Epoxy Non-Toxic Primer PRO-780.
Allow 4 hours drying time then sand lightly and dust off.
- 2nd – 3rd coats: Universal Floor Master Epoxy Non-Toxic Topcoat PRO-781
Allow 24 hours drying time.

*Allow 48 hours after application of final topcoat.

Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When expose to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic**, exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

DO NOT DISPOSE IN SEWERS, DRAINS OR BODIES OF WATER. If accidentally spilled, dike area around spill, absorb liquid in paper or other absorbent materials, and dispose contents in accordance to approved government regulations. Emptied containers (for non water-based product) may be hazardous due to product residues. Dispose packaging accordance to approved government regulations. Always recycle packaging when able.

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UNIVERSAL FLOOR MASTER

Epoxy Non-Toxic Topcoat PRO-781



DESCRIPTION:

A premium quality two component epoxy coating that dries to a non-toxic finish.

This product is formulated specifically to have excellent abrasion and chemical resistance while remaining non-toxic for food preparation environments.

RECOMMENDED USES:

Steel and concrete water tank lining, abattoirs, food preparation facilities and sanitation facilities.

PRODUCT APPEARANCE	: Liquid
PACKAGE VISCOSITY	: 65-70 kus
DRY FILM THICKNESS	:
DRY SET TO TOUCH	: 2 hours
DRY HARD	: 48 hours
COATING INTERVAL	: 24 hours
THINNING	: Universal Floor Master Epoxy Non-Toxic Reducer
MIXING RATIO	: 3 Parts Topcoat 1 Part FC Catalyst
INDUCTION TIME	: 15 minutes
APPLICATION	: brush, roller, spray
COVERAGE	: 20-25m ² /4L depending on surface porosity & texture
CLEAN-UP	: Universal Floor Master Epoxy Non-Toxic Reducer
PACKAGING SIZE	: 1, 4 liters
AVAILABLE COLORS	: White PRO-781
FINISH	: High gloss

SURFACE PREPARATION:

Masonry

New or unpainted surface

Remove dirt, dust, grit, loose mortar, oil, grease and other contaminants. New concrete must be cured at least 28 days before paint application. Please follow manufacturer's recommendation to check use litmus paper test.

Old or previously painted surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil and other contaminants. Treat mold or fungus infestation with bleaching solution (1 part bleach and 3 parts water).

Metal

New or unpainted surface

Ensure that the metal surface is free from oil, grease, rust, and other surface contaminants. Remove thick rust by sand blasting and thin rust by wire brushing, sanding or scraping. Dust the surface and wipe surface clean prior to priming with metal primer red oxide.

Old or previously painted surface

Remove all loose, peeling, paint, rust, dirt, dust, grease, oil and other contaminants by wire brushing or scraping. Wipe surface clean and priming with metal primer red oxide.

APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

UNIVERSAL FLOOR MASTER

Epoxy Non-Toxic Topcoat PRO-781



PAINTING DIRECTIONS: For best results use:

For Concrete Surface

- 1st coat: Universal Floor Master Deep Penetrating Sealer (DPS) PRO-730.
Allow 4 hours drying time.
- 2nd coat: Universal Floor Master Epoxy Non-Toxic Primer PRO-780.
Allow 4 hours drying time then sand lightly and dust off.
- 3rd - 4th coat: Universal Floor Master Epoxy Non-Toxic Topcoat PRO-781
Allow 24 hours drying time between coats.

*Allow 48 hours after application of final topcoat.

For Metal Surface

- 1st coat: Universal Floor Master Epoxy Non-Toxic Primer PRO-780.
Allow 4 hours drying time then sand lightly and dust off.
- 2nd – 3rd coats: Universal Floor Master Epoxy Non-Toxic Topcoat PRO-781
Allow 24 hours drying time.

*Allow 48 hours after application of final topcoat.

Apply more coats if higher hiding is desired.

Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When expose to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic**, exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

DO NOT DISPOSE IN SEWERS, DRAINS OR BODIES OF WATER. If accidentally spilled, dike area around spill, absorb liquid in paper or other absorbent materials, and dispose contents in accordance to approved government regulations. Emptied containers (for non water-based product) may be hazardous due to product residues. Dispose packaging accordance to approved government regulations. Always recycle packaging when able.

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UNIVERSAL ROAD MASTER

Reflectorized Road Marking Traffic Paint



DESCRIPTION:

A fast drying alkyd-type reflectorized road marking and traffic paint specifically developed to perform on extreme road environment conditions such as highways, roadways, airfields and parking lots.

This product dries to an extremely durable, skid- and fade- resistant and hard wearing film with superior reflective properties.

RECOMMENDED USES:

Extreme road environment conditions such as highways, roadways, airfields, and parking lots.

PRODUCT APPEARANCE	: Liquid
PACKAGE VISCOSITY	: 80-85 kus
DRY FILM THICKNESS	:
DRY SET TO TOUCH	: 1 hour
DRY HARD	: 8 hours
COATING INTERVAL	: 4 hours
THINNING	: Traffic Paint Reducer
APPLICATION	: brush, roller
COVERAGE	: 20-25 m ² /4L depending on surface porosity & texture
CLEAN-UP	: Traffic Paint Reducer
PACKAGING SIZE	: 4 liters
AVAILABLE COLORS	: White PRO-650, Yellow PRO-651, Black PRO-652

SURFACE PREPARATION:

Masonry

New or unpainted surface

Remove dirt, dust, grit, loose mortar, oil, grease and other contaminants. New concrete must be cured at least 28 days before paint application. Please follow manufacturer's recommendation to check use litmus paper test.

Old or previously painted surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil and other contaminants. Treat mold or fungus infestation with bleaching solution (1 part bleach and 3 parts water).

Metal

New or unpainted surface

Ensure that the metal surface is free from oil, grease, rust, and other surface contaminants. Remove thick rust by sand blasting and thin rust by wire brushing, sanding or scraping. Dust the surface and wipe surface clean prior to priming with metal primer red oxide.

Old or previously painted surface

Remove all loose, peeling, paint, rust, dirt, dust, grease, oil and other contaminants by wire brushing or scraping. Wipe surface clean and priming with metal primer red oxide.

APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

UNIVERSAL ROAD MASTER

Reflectorized Road Marking Traffic Paint



PAINTING DIRECTIONS: For best results use:

- 1st coat: Universal Road Master Reflectorized Traffic Paint PRO-XXX,
Allow 4 hours drying time.
- 2nd coat: Universal Road Master Reflectorized Traffic Paint of desired reflectance & color
Allow 8 hours drying time.

Apply more coats if higher hiding is desired.

Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When expose to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic**, exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

DO NOT DISPOSE IN SEWERS, DRAINS OR BODIES OF WATER. If accidentally spilled, dike area around spill, absorb liquid in paper or other absorbent materials, and dispose contents in accordance to approved government regulations. Emptied containers (for non water-based product) may be hazardous due to product residues. Dispose packaging accordance to approved government regulations. Always recycle packaging when able.

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UNIVERSAL ROAD MASTER

Non-Reflectorized Road Marking / Traffic Paint



DESCRIPTION:

A fast drying alkyd-type non-reflectorized road marking and traffic paint specifically developed to perform on extreme road environment conditions such as highways, roadways, airfields and parking lots.

This product dries to an extremely durable, skid- and fade- resistant and hard wearing film with superior reflective properties.

RECOMMENDED USES:

Extreme road environment conditions such as highways, roadways, airfields, and parking lots.

PRODUCT APPEARANCE	: Liquid
PACKAGE VISCOSITY	: 80-85 kus
DRY FILM THICKNESS	:
DRY SET TO TOUCH	: 1 hour
DRY HARD	: 8 hours
COATING INTERVAL	: 4 hours
THINNING	: Traffic Paint Thinner
APPLICATION	: brush, roller
COVERAGE	: 20-25 m ² /4L depending on surface porosity & texture
CLEAN-UP	: Traffic Paint Thinner
PACKAGING SIZE	: 4 liters
AVAILABLE COLORS	: White PRO-653, Yellow PRO-654, Black PRO-655 Also available in: Safety Yellow PRO-656, Safety Orange PRO-657

SURFACE PREPARATION:

Masonry

New or unpainted surface

Remove dirt, dust, grit, loose mortar, oil, grease and other contaminants. New concrete must be cured at least 28 days before paint application. Please follow manufacturer's recommendation to check use litmus paper test.

Old or previously painted surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil and other contaminants. Treat mold or fungus infestation with bleaching solution (1 part bleach and 3 parts water).

Metal

New or unpainted surface

Ensure that the metal surface is free from oil, grease, rust, and other surface contaminants. Remove thick rust by sand blasting and thin rust by wire brushing, sanding or scraping. Dust the surface and wipe surface clean prior to priming with metal primer red oxide.

Old or previously painted surface

Remove all loose, peeling, paint, rust, dirt, dust, grease, oil and other contaminants by wire brushing or scraping. Wipe surface clean and priming with metal primer red oxide.

APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° –

UNIVERSAL ROAD MASTER

Non-Reflectorized Road Marking / Traffic Paint



35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

PAINTING DIRECTIONS: For best results use:

- 1st coat: Universal Road Master Traffic Paint PRO-XXX,
Allow 2-4 hours for drying time.
- 2nd coat: Universal Road Master Traffic Paint of desired reflectance & color.
Allow 8 hours drying time.

Apply more coats if higher hiding is desired.

Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When expose to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic**, exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

DO NOT DISPOSE IN SEWERS, DRAINS OR BODIES OF WATER. If accidentally spilled, dike area around spill, absorb liquid in paper or other absorbent materials, and dispose contents in accordance to approved government regulations. Emptied containers (for non water-based product) may be hazardous due to product residues. Dispose packaging accordance to approved government regulations. Always recycle packaging when able.

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UNIVERSAL PROFESSIONAL

Flatwall Enamel White



DESCRIPTION:

A premium quality fast drying alkyd-based paint that dries to a flat, tough, high build, and extremely durable finish.

This product is also an ideal primer for other enamel type paints due to its high hiding quality.

RECOMMENDED USES:

Interior wood and metal surfaces.

PRODUCT APPEARANCE	: Liquid
PACKAGE VISCOSITY	: 100-105 kus
DRY FILM THICKNESS	:
DRY SET TO TOUCH	: 1 hour
DRY HARD	: 4 hours
COATING INTERVAL	: 2 hours
THINNING	: Apply at package consistency May be thinned with Paint Thinner
APPLICATION	: brush, roller, spray
COVERAGE	: 20-25 m ² /4L depending on surface porosity & texture
CLEAN-UP	: Paint Thinner
PACKAGING SIZE	: 1, 4, 16 liters
AVAILABLE COLORS	: White PRO-400



Alkyd - based paints penetrate wood and seal off wood tannin stains better and are more resistant to scrubbing.

SURFACE PREPARATION:

New or unpainted surface

Use kiln-dried wood with a maximum moisture content of 12%. Sand wood until smooth. Counter sink nail heads then putty. Dust the surface and wipe clean.

Old or previously painted or stained surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil, and other contaminants by scraping. Sand the surface. Dust the surface and wipe clean.

APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

PAINTING DIRECTIONS: For best results use:

1st coat: Universal Professional Flatwall Enamel White PRO-400.
Allow 2 hours drying time.

To remedy surface imperfections:

Putty: Universal Professional Enamel Glazing Putty White PRO-11.
Allow 4 hours drying time.

2nd-3rd coat: Universal Professional Quick Dry Enamel of desired color.
Allow 4 hours drying time between coats.

Apply more coats if higher hiding is desired.

UNIVERSAL PROFESSIONAL

Flatwall Enamel White



Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When expose to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic**, exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

DO NOT DISPOSE IN SEWERS, DRAINS OR BODIES OF WATER. If accidentally spilled, dike area around spill, absorb liquid in paper or other absorbent materials, and dispose contents in accordance to approved government regulations. Emptied containers (for non water-based product) may be hazardous due to product residues. Dispose packaging accordance to approved government regulations. Always recycle packaging when able.

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UNIVERSAL PROFESSIONAL

Quick Dry Enamel



DESCRIPTION:

A premium quality fast drying alkyd-based paint that dries to a glossy, tough, high build and extremely durable finish.

RECOMMENDED USES:

Interior and exterior wood and metal surfaces.

PRODUCT APPEARANCE	: Liquid
PACKAGE VISCOSITY	: 95-105 kus
DRY FILM THICKNESS	:
DRY SET TO TOUCH	: 2 hours
DRY HARD	: 24 hours
COATING INTERVAL	: 8 hours
THINNING	: if necessary use Paint Thinner
APPLICATION	: brush, roller, spray
COVERAGE	: 20-25 m ² /4L depending on surface porosity & texture
CLEAN-UP	: Paint Thinner
PACKAGING SIZE	: 1 Liter, 4 Liters, 16 Liters
AVAILABLE COLORS	: Please see Universal Professional Color Collection Custom colors available. Call us for details. Maybe tinted with Universal Professional ProShade Colorant.
FINISH	: Gloss



*Alkyd -
based
paints
penetrate
wood and
seal off
wood
tannin
stains
better and
are more
resistant to
scrubbing.*

SURFACE PREPARATION:

Wood

New or unpainted surface

Use kiln-dried wood with a maximum moisture content of 12%. Sand wood until smooth. Counter sink nail heads then putty. Dust the surface and wipe clean.

Old or previously painted or stained surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil, and other contaminants by scraping. Sand the surface. Dust the surface and wipe clean.

Metal

New or unpainted surface

Ensure that the metal surface is free from oil, grease, rust, and other surface contaminants. Remove thick rust by sand blasting and thin rust by wire brushing, sanding or scraping. Dust the surface and wipe surface clean prior to priming with metal primer red oxide.

Old or previously painted surface

Remove all loose, peeling, paint, rust, dirt, dust, grease, oil and other contaminants by wire brushing or scraping. Wipe surface clean and priming with metal primer red oxide.

APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

UNIVERSAL PROFESSIONAL

Quick Dry Enamel



PAINTING DIRECTIONS: For best results use:

Wood

1st coat: Universal Professional Flatwall Enamel White PRO-400. Allow 2 hours drying time.

To remedy surface imperfections:

Putty: Universal Professional Enamel Glazing Putty White PRO-11.
Allow 4 hours drying time then sand the surface smooth.

2nd-3rd coat: Universal Professional Quick Dry Enamel of desired color.
Allow 24 hours drying time between coats.

Metal

1st coat: Universal Professional Metal Primer Red Oxide PRO-17.
Allow 4 hours drying time.

To remedy surface imperfections:

Putty: Otto Polybond Polyester Body Filler OTTO-500

2nd-3rd coat: Universal Professional Quick Dry Enamel of desired color,
Allow 24 hours drying time between coats.

Apply more coats if higher hiding is desired.

Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When expose to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic,** exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

DO NOT DISPOSE IN SEWERS, DRAINS OR BODIES OF WATER. If accidentally spilled, dike area around spill, absorb liquid in paper or other absorbent materials, and dispose contents in accordance to approved government regulations. Emptied containers (for non water-based product) may be hazardous due to product residues. Dispose packaging accordance to approved government regulations. Always recycle packaging when able.

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UNIVERSAL PRO COLOR

Oil Based Tinting Color



DESCRIPTION:

A premium quality concentrated tinting color for oil/alkyd-based paints. This product exhibits high tint strength, easy dispersability and outstanding color fading resistance.

RECOMMENDED USES:

Tinting color for oil/alkyd based paints

PRODUCT APPEARANCE	: Liquid		
PACKAGE VISCOSITY	: 80-85 kus		
THINNING	: Do not dilute. If necessary, use Paint Thinner		
APPLICATION	: mix by stirring		
COVERAGE	: depending on shade of tint		
CLEAN-UP	: Paint Thinner		
PACKAGING SIZE	: ¼, 1, 4 liters		
AVAILABLE COLORS	: Black	PRO-80	Bulletin Red PRO-81
	Pthalo Blue	PRO-83	Pthalo Green PRO-84
	Raw Sienna	PRO-85	Venetian Red PRO-86
	Lemon Yellow	PRO-82	

SURFACE PREPARATION:

Wood

New or unpainted surface

Use kiln-dried wood with a maximum moisture content of 12%. Sand wood until smooth. Counter sink nail heads then putty. Dust the surface and wipe clean.

Old or previously painted or stained surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil, and other contaminants by scraping. Sand the surface. Dust the surface and wipe clean.

Metal

New or unpainted surface

Ensure that the metal surface is free from oil, grease, rust, and other surface contaminants. Remove thick rust by sand blasting and thin rust by wire brushing, sanding or scraping. Dust the surface and wipe surface clean prior to priming with metal primer red oxide.

Old or previously painted surface

Remove all loose, peeling, paint, rust, dirt, dust, grease, oil and other contaminants by wire brushing or scraping. Wipe surface clean and priming with metal primer red oxide.

APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

PAINTING DIRECTIONS: For best results use:

Mix well before use. Add Universal Pro Color to oil/alkyd based paint until desired color is achieved. Mix well prior to application.

UNIVERSAL PRO COLOR

Oil Based Tinting Color



Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When expose to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic**, exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

DO NOT DISPOSE IN SEWERS, DRAINS OR BODIES OF WATER. If accidentally spilled, dike area around spill, absorb liquid in paper or other absorbent materials, and dispose contents in accordance to approved government regulations. Emptied containers (for non water-based product) may be hazardous due to product residues. Dispose packaging accordance to approved government regulations. Always recycle packaging when able.

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UNIVERSAL PROFESSIONAL

Enamel Wood or Glazing Putty White



DESCRIPTION:

A premium quality alkyd-type surface preparation product.

This product is ideal for filling minor surface imperfection and unevenness.

RECOMMENDED USES:

Interior wood surfaces.

PRODUCT APPEARANCE	: Liquid
PACKAGE VISCOSITY	: Thick paste
DRY FILM THICKNESS	:
DRY SET TO TOUCH	: 1 hour
DRY HARD	: 2-4 hours
COATING INTERVAL	: 2-4 hours depending on thickness
THINNING	: Do not dilute
APPLICATION	: putty knife
COVERAGE	: 8-10 m ² /4L depending on thickness
CLEAN-UP	: Paint Thinner
PACKAGING SIZE	: 1, 4 liters
AVAILABLE COLORS	: White PRO-11
FINISH	: Flat

SURFACE PREPARATION:

New or unpainted surface

Use kiln-dried wood with a maximum moisture content of 12%. Sand wood until smooth. Counter sink nail heads then putty. Dust the surface and wipe clean.

Old or previously painted or stained surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil, and other contaminants by scraping. Sand the surface. Dust the surface and wipe clean.

APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

PAINTING DIRECTIONS: For best results use:

1st coat: Universal Professional Flatwall Enamel White PRO-400.
Allow 2 hours drying time.

To remedy surface imperfections:

Putty: Universal Professional Enamel Glazing Putty White PRO-11.
Allow 4 hours drying time then sand.

Spot Prime: Universal Professional Flatwall Enamel White PRO-400.
2nd – 3rd coat: Universal Professional Quick Dry Enamel of desired color.
Allow 24 hours drying time between coats.

UNIVERSAL PROFESSIONAL

Enamel Wood or Glazing Putty White



Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When exposed to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic**, exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

DO NOT DISPOSE IN SEWERS, DRAINS OR BODIES OF WATER. If accidentally spilled, dike area around spill, absorb liquid in paper or other absorbent materials, and dispose contents in accordance to approved government regulations. Emptied containers (for non water-based product) may be hazardous due to product residues. Dispose packaging accordance to approved government regulations. Always recycle packaging when able.

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DESCRIPTION:

Premium quality oil based and non-grain resin wood stains.

This products highlights and enhances the natural grains of the wood as well as protects surface.

RECOMMENDED USES:

All interior wood surfaces; Available as Grain Raising (GR) and Non-Grain Raising (NGR)

PRODUCT APPEARANCE	: Liquid	
PACKAGE VISCOSITY	: 9-10" #4Ford Cup	
DRY FILM THICKNESS	:	
DRY SET TO TOUCH	: 2 hours	
DRY HARD	: 4 hours	
COATING INTERVAL	: 4 hours	
THINNING	: Apply at package consistency	
APPLICATION	: Spray	
COVERAGE	: 35-40 m ² /4L depending on surface porosity & texture	
CLEAN-UP	: Paint Thinner	
PACKAGING SIZE	: 1, 4 liters	
AVAILABLE COLORS	: Dark Brown	Mahogany
	Maple	Oak
	Light Oak	Dark Oak
	Walnut	

SURFACE PREPARATION:New or unpainted surface

Use kiln-dried wood with a maximum moisture content of 12%. Sand wood until smooth. Counter sink nail heads then putty. Dust the surface and wipe clean.

Old or previously painted or stained surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil, and other contaminants by scraping. Sand the surface. Dust the surface and wipe clean.

APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

PAINTING DIRECTIONS: For best results use:

- 1st coat: Universal Professional Decora Woodstain.
- 2nd coat: Valiant Sanding Sealer V-610
- 3rd – 4th coat: Valiant Clear Gloss Lacquer V-600

Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When exposed to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic**, exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

DO NOT DISPOSE IN SEWERS, DRAINS OR BODIES OF WATER. If accidentally spilled, dike area around spill, absorb liquid in paper or other absorbent materials, and dispose contents in accordance to approved government regulations. Emptied containers (for non water-based product) may be hazardous due to product residues. Dispose packaging accordance to approved government regulations. Always recycle packaging when able.

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VALIANT

Chemotite Lacquer Putty V-660



DESCRIPTION:

A lacquer-type putty/filler for repairing surface imperfections such as cracks and holes in wood.

This product is fast drying and has easy sanding properties with a neutral color for convenient tinting.

RECOMMENDED USES:

All interior wood surfaces.

PRODUCT APPEARANCE	: Yellow Paste
PACKAGE VISCOSITY	: Heavy paste
DRY FILM THICKNESS	:
DRY SET TO TOUCH	: 30 minutes
DRY HARD	: 1 hour
COATING INTERVAL	: 1 hour
THINNING	: Apply at package consistency
APPLICATION	: Putty knife
COVERAGE	: 8-10 m ² /4L depending on surface porosity & texture
CLEAN-UP	: Lacquer Thinner
PACKAGING SIZE	: 1, 4 liters
AVAILABLE COLORS	: Natural V-660

SURFACE PREPARATION:

New or unpainted surface

Use kiln-dried wood with a maximum moisture content of 12%. Sand wood until smooth. Counter sink nail heads then putty. Dust the surface and wipe clean.

Old or previously painted or stained surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil, and other contaminants by scraping. Sand the surface. Dust the surface and wipe clean.

APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

PAINTING DIRECTIONS: For best results use:

- 1st coat: Valiant Chemotite Wood Putty V-660. Allow 30 minutes to dry.
Scuff sand using 300 grit or finer.
- 2nd coat: Valiant Sanding Sealer V-610. Allow 1 hour drying time.
Scuff sand using 400 grit or finer.
- 3rd – 4th coat: Valiant Clear Gloss Lacquer V-600 or Valiant Dead Flat Lacquer V-620.
Allow 1 hour drying time between coats.

Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When exposed to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic**, exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

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VALIANT

Lacquer Primer Surfacer



DESCRIPTION:

A premium quality lacquer-type primer that provides a solid foundation for lacquer topcoat.

RECOMMENDED USES:

Interior wood and metal surfaces.

PRODUCT APPEARANCE	: Liquid
PACKAGE VISCOSITY	: 130-135 kus
DRY FILM THICKNESS	:
DRY SET TO TOUCH	: 10 minutes
DRY HARD	: 1 hour
COATING INTERVAL	: 1 hour
THINNING	: Reduce with Lacquer Thinner
APPLICATION	: spray
COVERAGE	: 20-25 m ² /4L depending on surface porosity & texture
CLEAN-UP	: Lacquer Thinner
PACKAGING SIZE	: 1, 4 liters
AVAILABLE COLORS	: White V-100

SURFACE PREPARATION:

Wood

New or unpainted surface

Use kiln-dried wood with a maximum moisture content of 12%. Sand wood until smooth. Counter sink nail heads then putty. Dust the surface and wipe clean.

Old or previously painted or stained surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil, and other contaminants by scraping. Sand the surface. Dust the surface and wipe clean.

Metal

New or unpainted surface

Ensure that the metal surface is free from oil, grease, rust, and other surface contaminants. Remove thick rust by sand blasting and thin rust by wire brushing, sanding or scraping. Dust the surface and wipe surface clean prior to priming with metal primer red oxide.

Old or previously painted surface

Remove all loose, peeling, paint, rust, dirt, dust, grease, oil and other contaminants by wire brushing or scraping. Wipe surface clean and priming with metal primer red oxide.

APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

VALIANT

Lacquer Primer Surfacer



PAINTING DIRECTIONS: For best results use:

Wood

1st coat: Valiant Lacquer Primer Surfacer White V-100. Allow 1 hour drying time.

To remedy surface imperfections:

Putty: Valiant Lacquer Spot Putty V-200. Allow 1 hour drying time then sand.

Spot prime: Valiant Lacquer Primer Surfacer White V-100. Allow 1 hour drying time.

2nd – 3rd coats: Valiant Automotive Lacquer Enamel of desired color.
Allow 1 hour drying time between coats.

Metal

1st coat: Universal Professional MetalPro Epoxy Primer White

To remedy surface imperfections:

Putty: Valiant Lacquer Spot Putty V-200. Allow 1 hour drying time then sand.

Spot prime: Valiant Lacquer Primer Surfacer White V-100. Allow 1 hour drying time.

2nd – 3rd coats: Valiant Automotive Lacquer Enamel of desired color.
Allow 1 hour drying time between coats.

Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When expose to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic**, exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

DO NOT DISPOSE IN SEWERS, DRAINS OR BODIES OF WATER. If accidentally spilled, dike area around spill, absorb liquid in paper or other absorbent materials, and dispose contents in accordance to approved government regulations. Emptied containers (for non water-based product) may be hazardous due to product residues. Dispose packaging accordance to approved government regulations. Always recycle packaging when able.

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VALIANT

Automotive Lacquer Enamel



DESCRIPTION:

A premium quality lacquer-type topcoat that is easy to apply and dries rapidly to a hard-wearing glossy finish.

RECOMMENDED USES:

Interior wood and metal surfaces.

PRODUCT APPEARANCE	: Liquid			
PACKAGE VISCOSITY	: 85-90 kus			
DRY FILM THICKNESS	:			
DRY SET TO TOUCH	: 10 minutes			
DRY HARD	: 1 hour			
COATING INTERVAL	: 1 hour			
THINNING	: Reduce with Lacquer Thinner			
APPLICATION	: spray			
COVERAGE	: 20-25 m ² /4L depending on surface porosity & texture			
CLEAN-UP	: Lacquer Thinner			
PACKAGING SIZE	: 1, 4 liters			
AVAILABLE COLORS	: White	V-500	Carbon Black	V-501
	Lemon Yellow	V-510	International Red	V-509
	Moly Orange	V-511	Pthalo Blue	V-512
	Pthalo Green	V-513		

SURFACE PREPARATION:

Wood

New or unpainted surface

Use kiln-dried wood with a maximum moisture content of 12%. Sand wood until smooth. Counter sink nail heads then putty. Dust the surface and wipe clean.

Old or previously painted or stained surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil, and other contaminants by scraping. Sand the surface. Dust the surface and wipe clean.

Metal

New or unpainted surface

Ensure that the metal surface is free from oil, grease, rust, and other surface contaminants. Remove thick rust by sand blasting and thin rust by wire brushing, sanding or scraping. Dust the surface and wipe surface clean prior to priming with metal primer red oxide.

Old or previously painted surface

Remove all loose, peeling, paint, rust, dirt, dust, grease, oil and other contaminants by wire brushing or scraping. Wipe surface clean and priming with metal primer red oxide.

APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

VALIANT

Automotive Lacquer Enamel



PAINTING DIRECTIONS: For best results use:

Wood

1st coat: Valiant Lacquer Primer Surfacer White V-100. Allow 1 hour drying time.

To remedy surface imperfections:

Putty: Valiant Lacquer Spot Putty White V-200. Allow 1 hour drying time then sand.

Spot prime: Valiant Lacquer Primer Surfacer White V-100. Allow 1 hour drying time.

2nd – 3rd coats: Valiant Automotive Lacquer Enamel of desired color.
Allow 1 hour drying time between coats.

Metal

1st coat: Universal Professional MetalPro Epoxy Primer White PRO-800

To remedy surface imperfections:

Putty: Valiant Lacquer Spot Putty V-200. Allow 1 hour drying time then sand.

Spot prime: Valiant Lacquer Primer Surfacer White V-100. Allow 1 hour drying time.

2nd – 3rd coats: Valiant Automotive Lacquer Enamel of desired color.
Allow 1 hour drying time between coats.

Apply more coats if higher hiding is desired.

Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When expose to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic**, exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

DO NOT DISPOSE IN SEWERS, DRAINS OR BODIES OF WATER. If accidentally spilled, dike area around spill, absorb liquid in paper or other absorbent materials, and dispose contents in accordance to approved government regulations. Emptied containers (for non water-based product) may be hazardous due to product residues. Dispose packaging accordance to approved government regulations. Always recycle packaging when able.

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VALIANT

Clear Gloss Lacquer V-600



DESCRIPTION:

A premium quality lacquer varnish topcoat that dries to an extremely durable clear and glossy finish.

RECOMMENDED USES:

Interior wood surfaces.

PRODUCT APPEARANCE	: Liquid
PACKAGE VISCOSITY	: 65-70 kus
DRY FILM THICKNESS	:
DRY SET TO TOUCH	: 10 minutes
DRY HARD	: 1 hour
COATING INTERVAL	: 1 hour
THINNING	: Reduce with Lacquer Thinner
APPLICATION	: spray
COVERAGE	: 30-35 m ² /4L
CLEAN-UP	: Lacquer Thinner
PACKAGING SIZE	: 1, 4, 16 liters
AVAILABLE COLORS	: Clear V-600

SURFACE PREPARATION:

New or unpainted surface

Use kiln-dried wood with a maximum moisture content of 12%. Sand wood until smooth. Counter sink nail heads then putty. Dust the surface and wipe clean.

Old or previously painted or stained surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil, and other contaminants by scraping. Sand the surface. Dust the surface and wipe clean.

APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

PAINTING DIRECTIONS: For best results use:

- 1st coat: Valiant Chemotite Wood Putty V-660. Allow 30 minutes drying time then scuff sand using 300 grit or finer.
- 2nd coat: Valiant Sanding Sealer V-610. Allow 1 hour drying time then scuff sand using 400 grit or finer.
- 3rd – 4th coat: Valiant Clear Gloss Lacquer V-600 or Valiant Dead Flat Lacquer V-620. Allow 1 hour drying time between coats.

Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When expose to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic**, exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

DO NOT DISPOSE IN SEWERS, DRAINS OR BODIES OF WATER. If accidentally spilled, dike area around spill, absorb liquid in paper or other absorbent materials, and dispose contents in accordance to approved government regulations. Emptied containers (for non water-based product) may be hazardous due to product residues. Dispose packaging accordance to approved government regulations. Always recycle packaging when able.

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VALIANT

Dead Flat Lacquer V-620



DESCRIPTION:

A premium quality lacquer varnish topcoat that dries to an extremely durable flat finish.

RECOMMENDED USES:

Interior wood surfaces.

PRODUCT APPEARANCE	: Liquid
PACKAGE VISCOSITY	: 65-70 kus
DRY FILM THICKNESS	:
DRY SET TO TOUCH	: 5 minutes
DRY HARD	: 1 hour
COATING INTERVAL	: 1 hour
THINNING	: Reduce with Lacquer Thinner
APPLICATION	: spray
COVERAGE	: 30-35 m ² /4L
CLEAN-UP	: Lacquer Thinner
PACKAGING SIZE	: 1, 4, 16 liters
AVAILABLE COLORS	:

SURFACE PREPARATION:

New or unpainted surface

Use kiln-dried wood with a maximum moisture content of 12%. Sand wood until smooth. Counter sink nail heads then putty. Dust the surface and wipe clean.

Old or previously painted or stained surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil, and other contaminants by scraping. Sand the surface. Dust the surface and wipe clean.

APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

PAINTING DIRECTIONS: For best results use:

- 1st coat: Valiant Chemotite Wood Putty V-660. Allow 30 minutes drying time then scuff sand using 300 grit or finer.
- 2nd coat: Valiant Sanding Sealer V-610. Allow 1 hour drying time then scuff sand using 400 grit or finer.
- 3rd – 4th coat: Valiant Clear Gloss Lacquer V-600 or Valiant Dead Flat Lacquer V-620. Allow 1 hour drying time between coats.

Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When expose to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic**, exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

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DESCRIPTION:

A gloss-reducing additive for lacquer paints.

RECOMMENDED USES:

Interior wood and metal surfaces.

PRODUCT APPEARANCE	: Liquid
PACKAGE VISCOSITY	: 50-55 kus
THINNING	: Reduce with Lacquer Thinner
APPLICATION	: spray
COVERAGE	: 30-35 m ² /4L
CLEAN-UP	: Lacquer Thinner
PACKAGING SIZE	: 4 liters

SURFACE PREPARATION:**Wood**New or unpainted surface

Use kiln-dried wood with a maximum moisture content of 12%. Sand wood until smooth. Counter sink nail heads then putty. Dust the surface and wipe clean.

Old or previously painted or stained surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil, and other contaminants by scraping. Sand the surface. Dust the surface and wipe clean.

MetalNew or unpainted surface

Ensure that the metal surface is free from oil, grease, rust, and other surface contaminants. Remove thick rust by sand blasting and thin rust by wire brushing, sanding or scraping. Dust the surface and wipe surface clean prior to priming with metal primer red oxide.

Old or previously painted surface

Remove all loose, peeling, paint, rust, dirt, dust, grease, oil and other contaminants by wire brushing or scraping. Wipe surface clean and priming with metal primer red oxide.

APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

PAINTING DIRECTIONS:

Quantity to be added depends on the gloss reduction required.

Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When expose to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic**, exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

DO NOT DISPOSE IN SEWERS, DRAINS OR BODIES OF WATER. If accidentally spilled, dike area around spill, absorb liquid in paper or other absorbent materials, and dispose contents in accordance to approved government regulations. Emptied containers (for non water-based product) may be hazardous due to product residues. Dispose packaging accordance to approved government regulations. Always recycle packaging when able.

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VALIANT Lacquer Sanding Sealer V-610



DESCRIPTION:

A premium grade wood sealer.

This product is formulated to have exceptional sealing properties thus, requires less sanding.

RECOMMENDED USES:

Interior wood surfaces particularly furniture, cabinets, doors, and panels that require clear topcoat.

PRODUCT APPEARANCE	: Liquid
PACKAGE VISCOSITY	: 85-90 kus
DRY FILM THICKNESS	:
DRY SET TO TOUCH	: 10 minutes
DRY HARD	: 1-2 hours
COATING INTERVAL	: 1 hour
THINNING	: Use Lacquer Thinner
APPLICATION	: Spray
COVERAGE	: 25-30 m ² /4L
CLEAN-UP	: Lacquer Thinner
PACKAGING SIZE	: 1, 4, 16 liters
AVAILABLE COLORS	:

SURFACE PREPARATION:

New or unpainted surface

Use kiln-dried wood with a maximum moisture content of 12%. Sand wood until smooth. Counter sink nail heads then putty. Dust the surface and wipe clean.

Old or previously painted or stained surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil, and other contaminants by scraping. Sand the surface. Dust the surface and wipe clean.

APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

PAINTING DIRECTIONS: For best results use:

- 1st coat: Valiant Chemotite Wood Putty. Allow 30 minutes drying time then scuff sand using 300 grit or finer.
- 2nd coat: Valiant Sanding Sealer. Allow 1 hour drying time then scuff sand using 400 grit or finer.
- 3rd – 4th coat: Valiant Clear Gloss Lacquer V-600 or Valiant Dead Flat Lacquer. Allow 1 hour drying time between coats.

Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When exposed to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic**, exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

DO NOT DISPOSE IN SEWERS, DRAINS OR BODIES OF WATER. If accidentally spilled, dike area around spill, absorb liquid in paper or other absorbent materials, and dispose contents in accordance to approved government regulations. Emptied containers (for non water-based product) may be hazardous due to product residues. Dispose packaging accordance to approved government regulations. Always recycle packaging when able.

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VALIANT

Lacquer Flo



DESCRIPTION:

A lacquer type solvent for prolonging the drying time of lacquer paints

RECOMMENDED USES:

Lacquer paints

PRODUCT APPEARANCE	: Liquid
PACKAGE VISCOSITY	:
DRY FILM THICKNESS	:
DRY SET TO TOUCH	:
DRY HARD	: 1 hour
COATING INTERVAL	:
THINNING	: Reduce with Lacquer Thinner
APPLICATION	: by spray
COVERAGE PER 4L	: 30-35 m ² /4L
CLEAN-UP	: Lacquer Thinner
PACKAGING SIZE	: 1, 4, 16 liters
AVAILABLE COLORS	:

PAINTING DIRECTIONS:

Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When exposed to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic**, exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

DO NOT DISPOSE IN SEWERS, DRAINS OR BODIES OF WATER. If accidentally spilled, dike area around spill, absorb liquid in paper or other absorbent materials, and dispose contents in accordance to approved government regulations. Emptied containers (for non water-based product) may be hazardous due to product residues. Dispose packaging accordance to approved government regulations. Always recycle packaging when able.

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UNIVERSAL PLUS

Flatwall Enamel White UP-400



DESCRIPTION:

A high quality fast drying alkyd-based paint that dries to a flat, durable, and high build finish.

This product is an ideal primer for other enamel finishes.

RECOMMENDED USES:

Interior wood surface

PRODUCT APPEARANCE	: Liquid
PACKAGE VISCOSITY	: 100±5 kus
DRY FILM THICKNESS	:
DRY SET TO TOUCH	: 1 hour
DRY HARD	: 4 hours
COATING INTERVAL	: 2-4 hours
THINNING	: Apply at package consistency
APPLICATION	: brush, roller, spray
COVERAGE	: 20-25 m ² /4L depending on surface porosity & texture
CLEAN-UP	: Paint Thinner
PACKAGING SIZE	: 1, 4, 16 liters
AVAILABLE COLORS	: White UP-400



Alkyd - based paints penetrate wood and seal off wood tannin stains better and are more resistant to scrubbing.

SURFACE PREPARATION:

New or unpainted surface

Use kiln-dried wood with a maximum moisture content of 12%. Sand wood until smooth. Counter sink nail heads then putty. Dust the surface and wipe clean.

Old or previously painted or stained surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil, and other contaminants by scraping. Sand the surface. Dust the surface and wipe clean.

APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

PAINTING DIRECTIONS: For best results use:

1st coat: Universal Plus Flatwall Enamel White UP-400. Allow 2-4 hours drying time.

To remedy surface imperfections:

Putty: Universal Professional Enamel Glazing Putty White PRO-11.
Allow 4 hours drying time.

2nd-3rd coat: Universal Professional Quick Dry Enamel of desired color.
Allow 24 hours drying time between coats.

Apply more coats if higher hiding is desired.

UNIVERSAL PLUS

Flatwall Enamel White UP-400



Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When expose to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic**, exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

DO NOT DISPOSE IN SEWERS, DRAINS OR BODIES OF WATER. If accidentally spilled, dike area around spill, absorb liquid in paper or other absorbent materials, and dispose contents in accordance to approved government regulations. Emptied containers (for non water-based product) may be hazardous due to product residues. Dispose packaging accordance to approved government regulations. Always recycle packaging when able.

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UNIVERSAL Plus

Quick Dry Enamel White



DESCRIPTION:

A high quality fast drying alkyd-based paint that dries to a durable and high build glossy finish.

RECOMMENDED USES:

Interior and exterior wood and metal surfaces.

PRODUCT APPEARANCE	: Liquid
PACKAGE VISCOSITY	: 100±5 kus
DRY FILM THICKNESS	:
DRY SET TO TOUCH	: 2 hours
DRY HARD	: 8 hours
COATING INTERVAL	: 4 hours
THINNING	: if necessary use Paint Thinner
APPLICATION	: brush, roller, spray
COVERAGE	: 20-25 m ² /4L depending on surface porosity & texture
CLEAN-UP	: Paint Thinner
PACKAGING SIZE	: 1, 4, 16 liters
AVAILABLE COLORS	: See Universal color collection. Custom colors available. Maybe tinted with Universal Professional ProShade Colorant
FINISH	: Gloss



Alkyd - based paints penetrate wood and seal off wood tannin stains better and are more resistant to scrubbing.

SURFACE PREPARATION:

Wood

New or unpainted surface

Use kiln-dried wood with a maximum moisture content of 12%. Sand wood until smooth. Counter sink nail heads then putty. Dust the surface and wipe clean.

Old or previously painted or stained surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil, and other contaminants by scraping. Sand the surface. Dust the surface and wipe clean.

Metal

New or unpainted surface

Ensure that the metal surface is free from oil, grease, rust, and other surface contaminants. Remove thick rust by sand blasting and thin rust by wire brushing, sanding or scraping. Dust the surface and wipe surface clean prior to priming with metal primer red oxide.

Old or previously painted surface

Remove all loose, peeling, paint, rust, dirt, dust, grease, oil and other contaminants by wire brushing or scraping. Wipe surface clean and priming with metal primer red oxide.

APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

UNIVERSAL Plus

Quick Dry Enamel White



PAINTING DIRECTIONS: For best results use:

Wood

1st coat: Universal Plus Flatwall Enamel White UP-400.

To remedy surface imperfections:

Putty: Universal Professional Enamel Glazing Putty White PRO-11.

Allow 4 hours drying time.

2nd-3rd coat: Universal Plus Quick Dry Enamel of desired color.

Allow 2 hours drying time between coats.

Metal

1st coat: Universal Professional Metal Primer Red Oxide PRO-17.

To remedy surface imperfections:

Putty: Otto Polybond Polyester Body Filler OTTO-500

2nd-3rd coat: Universal Professional Quick Dry Enamel of desired color,

Allow 2 hours drying time between coats.

Apply more coats if higher hiding is desired.

Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When expose to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic,** exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

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POPULAR

Flat-wall Enamel White P-400



DESCRIPTION:

An economy grade fast drying alkyd-based paint that dries to a flat and durable finish.

This product can also be used as a primer for other enamel paints for an economical finish.

RECOMMENDED USES:

Interior wood surface.

PRODUCT APPEARANCE	: Liquid
PACKAGE VISCOSITY	: 100-105 kus
DRY FILM THICKNESS	:
DRY SET TO TOUCH	: 1 hour
DRY HARD	: 4 hours
COATING INTERVAL	: 2-4 hours
THINNING	: Apply at package consistency
APPLICATION	: brush, roller, spray
COVERAGE	: 20-25 m ² /4L depending on surface porosity & texture
CLEAN-UP	: Paint Thinner
PACKAGING SIZE	: 1, 4, 16 liters
AVAILABLE COLORS	: White P-400



*Alkyd -
based
paints
penetrate
wood and
seal off
wood
tannin
stains
better and
are more
resistant to
scrubbing.*

SURFACE PREPARATION:

New or unpainted surface

Use kiln-dried wood with a maximum moisture content of 12%. Sand wood until smooth. Counter sink nail heads then putty. Dust the surface and wipe clean.

Old or previously painted or stained surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil, and other contaminants by scraping. Sand the surface. Dust the surface and wipe clean.

APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

PAINTING DIRECTIONS: For best results use:

1st coat: Popular Flatwall Enamel White P-400

To remedy surface imperfections:

Putty: Universal Professional Enamel Glazing Putty White PRO-11.

Allow 4 hours drying time

2nd-3rd coat: Popular Quick Dry Enamel of desired color.

Allow 2 hours drying time between coats

Apply more coats if higher hiding is desired.

POPULAR

Flat-wall Enamel White P-400



Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When expose to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic**, exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

DO NOT DISPOSE IN SEWERS, DRAINS OR BODIES OF WATER. If accidentally spilled, dike area around spill, absorb liquid in paper or other absorbent materials, and dispose contents in accordance to approved government regulations. Emptied containers (for non water-based product) may be hazardous due to product residues. Dispose packaging accordance to approved government regulations. Always recycle packaging when able.

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POPULAR

Quick Dry Enamel



DESCRIPTION:

An economy grade fast drying alkyd-based paint that dries to a durable and high build glossy finish – The ideal quick dry enamel for the budget-conscious consumer.

RECOMMENDED USES:

Interior and exterior wood and metal surfaces.

PRODUCT APPEARANCE	: Liquid		
PACKAGE VISCOSITY	: 100±5 kus		
DRY FILM THICKNESS	:		
DRY SET TO TOUCH	: 2 hours		
DRY HARD	: 8 hours		
COATING INTERVAL	: 4 hours		
THINNING	: if necessary use Paint Thinner		
APPLICATION	: brush, roller, spray		
COVERAGE	: 20-25 m ² /4L depending on surface porosity & texture		
CLEAN-UP	: Universal Paint Thinner		
PACKAGING SIZE	: 1, 4, 16 liters		
AVAILABLE COLORS	: Aluminum P-502	Black P-501	
	Baby Blue P-503	Baby Pink P-504	
	Cat. Yellow P-506	Choco Brown P-507	
	Crystal Blue P-509	Crystal Green P-510	
	Ivory P-512	Int'l. Red P-511	
	Jade Green P-513	Lemon Yellow P-514	
	Maple P-515	Maroon P-516	
	Cal. Orange P-522	White P-500	#



Alkyd-based paints penetrate wood and seal off wood tannin stains better and are more resistant to scrubbing.

SURFACE PREPARATION:

Wood

New or unpainted surface

Use kiln-dried wood with a maximum moisture content of 12%. Sand wood until smooth. Counter sink nail heads then putty. Dust the surface and wipe clean.

Old or previously painted or stained surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil, and other contaminants by scraping. Sand the surface. Dust the surface and wipe clean.

Metal

New or unpainted surface

Ensure that the metal surface is free from oil, grease, rust, and other surface contaminants. Remove thick rust by sand blasting and thin rust by wire brushing, sanding or scraping. Dust the surface and wipe surface clean prior to priming with metal primer red oxide.

Old or previously painted surface

Remove all loose, peeling, paint, rust, dirt, dust, grease, oil and other contaminants by wire brushing or scraping. Wipe surface clean and priming with metal primer red oxide.

APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

POPULAR

Quick Dry Enamel



PAINTING DIRECTIONS: For best results use:

Wood

1st coat: Popular Flatwall Enamel White P-400.

To remedy surface imperfections:

Putty: Universal Professional Enamel Glazing Putty White PRO-11.
Allow 4 hours drying time.

2nd-3rd coat: Popular Quick Dry Enamel of desired sheen & color.
Allow 2 hours drying time between coats.

Metal

1st coat: Popular Metal Primer Red Oxide PRO-17

To remedy surface imperfections:

Putty: Otto Polybond Polyester Body Filler OTTO-500

2nd-3rd coat: Popular Quick Dry Enamel of desired color.
Allow 2 hours drying time between coats.

Apply more coats if higher hiding is desired.

Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When expose to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic**, exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

DO NOT DISPOSE IN SEWERS, DRAINS OR BODIES OF WATER. If accidentally spilled, dike area around spill, absorb liquid in paper or other absorbent materials, and dispose contents in accordance to approved government regulations. Emptied containers (for non water-based product) may be hazardous due to product residues. Dispose packaging accordance to approved government regulations. Always recycle packaging when able.

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OTTO METAL PRO

Epoxy Primer



DESCRIPTION:

A premium quality grade two-component epoxy primer system for Otto MetalPro Epoxy topcoat.

This product exhibits high impact and abrasion resistance, exceptional adhesion and superior corrosion resistance.

RECOMMENDED USES:

Interior and exterior metal and galvanized iron.

PRODUCT APPEARANCE	: Liquid
PACKAGE VISCOSITY	: 80-85 kus
DRY FILM THICKNESS	:
DRY SET TO TOUCH	: 2 hours
DRY HARD	: 8 hours
COATING INTERVAL	: 4 hours
THINNING	: Epoxy Reducer
APPLICATION	: brush, roller, spray
COVERAGE	: 20-25m ² /4L depending on surface porosity & texture
CLEAN-UP	: Epoxy Reducer
PACKAGING SIZE	: 1 Liter (3/4 full) with ¼ Liter catalyst 4 Liter (3/4 full) or 3 Liters
MIXING RATIO	: 3 parts Part A – Epoxy base 1 part Part B – Catalyst
INDUCTION TIME	: 15 minutes
AVAILABLE COLORS	: White, Gray, Black, Red Oxide

SURFACE PREPARATION:

New or unpainted surface

Ensure that the metal surface is free from oil, grease, rust, and other surface contaminants. Remove thick rust by sand blasting and thin rust by wire brushing, sanding or scraping. Dust the surface and wipe surface clean prior to priming with metal primer red oxide.

Old or previously painted surface

Remove all loose, peeling, paint, rust, dirt, dust, grease, oil and other contaminants by wire brushing or scraping. Wipe surface clean and priming with metal primer red oxide.

APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

PAINTING DIRECTIONS: For best results use:

1st coat: Otto MetalPro Epoxy Primer. Allow 2-4 hours drying time.

To remedy surface imperfections: Otto Polybond Polyester Bodyfiller

2nd – 3rd coat: Universal Professional Quick Dry Enamel or
Otto MetalPro Epoxy topcoat or
Valiant Automotive Enamel of desired color.

Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When expose to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic**, exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

DO NOT DISPOSE IN SEWERS, DRAINS OR BODIES OF WATER. If accidentally spilled, dike area around spill, absorb liquid in paper or other absorbent materials, and dispose contents in accordance to approved government regulations. Emptied containers (for non water-based product) may be hazardous due to product residues. Dispose packaging accordance to approved government regulations. Always recycle packaging when able.

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OTTO METAL PRO

Epoxy Topcoat



DESCRIPTION:

A high quality two component epoxy-polyamide system that has excellent corrosion resistance and sealing properties.

RECOMMENDED USES:

Interior and exterior metal and galvanized iron.

PRODUCT APPEARANCE	: Liquid
PACKAGE VISCOSITY	: 65-70 kus
DRY FILM THICKNESS	:
DRY SET TO TOUCH	: 4 hour
DRY HARD	: 48 hours
COATING INTERVAL	: 24 hours
THINNING	: Epoxy Reducer
APPLICATION	: brush, roller, spray
COVERAGE	: 20-25 m ² /4L depending on surface porosity & texture
CLEAN-UP	: Epoxy Reducer
PACKAGING SIZE	: 1 Liter (3/4 full) with ¼ Liter catalyst 4 Liter (3/4 full) or 3 Liters
MIXING RATIO	: 3 parts Part A – Epoxy base 1 part Part B – Catalyst
INDUCTION TIME	: 15 minutes
AVAILABLE COLORS	:

SURFACE PREPARATION:

New or unpainted surface

Ensure that the metal surface is free from oil, grease, rust, and other surface contaminants. Remove thick rust by sand blasting and thin rust by wire brushing, sanding or scraping. Dust the surface and wipe surface clean prior to priming with metal primer red oxide.

Old or previously painted surface

Remove all loose, peeling, paint, rust, dirt, dust, grease, oil and other contaminants by wire brushing or scraping. Wipe surface clean and priming with metal primer red oxide.

APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

PAINTING DIRECTIONS: For best results use:

1st coat: Otto MetalPro Epoxy Primer. Allow 8 hours drying time.

To remedy surface imperfections: Otto Polybond Polyester Bodyfiller

Spot prime: Otto MetalPro Epoxy Primer PRO-XXX.

2nd – 3rd coat: Otto MetalPro Epoxy Topcoat

Apply more coats if higher hiding is desired.

Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When expose to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic**, exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

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OTTO METAL PRO

Metal Primer PRO-17



DESCRIPTION:

A premium quality industrial grade alkyd-based rust inhibiting high build primer for steel, metal and iron surfaces.

RECOMMENDED USES:

Steel, metal, and iron

PRODUCT APPEARANCE	: Liquid
PACKAGE VISCOSITY	: 100-105 kus
DRY FILM THICKNESS	:
DRY SET TO TOUCH	: 1 hour
DRY HARD	: 4 hours
COATING INTERVAL	: 2-4 hours
THINNING	: Apply at package consistency, if necessary, use Paint Thinner
APPLICATION	: brush, roller, spray
COVERAGE	: 20-25 m ² /4L depending on surface porosity & texture
CLEAN-UP	: Paint Thinner
PACKAGING SIZE	: 1, 4, 16 liters
AVAILABLE COLORS	: Red Oxide PRO-17, Gray PRO-18

SURFACE PREPARATION:

New or unpainted surface

Ensure that the metal surface is free from oil, grease, rust, and other surface contaminants. Remove thick rust by sand blasting and thin rust by wire brushing, sanding or scraping. Dust the surface and wipe surface clean prior to priming with metal primer red oxide.

Old or previously painted surface

Remove all loose, peeling, paint, rust, dirt, dust, grease, oil and other contaminants by wire brushing or scraping. Wipe surface clean and priming with metal primer red oxide.

APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

PAINTING DIRECTIONS: For best results use:

- 1st coat: Otto MetalPro Metal Primer Red Oxide PRO-17.
Allow 2-4 hours drying time.
2nd -3rd coat: Universal Professional Quick Dry Enamel of desired color.

Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When expose to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic**, exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

DO NOT DISPOSE IN SEWERS, DRAINS OR BODIES OF WATER. If accidentally spilled, dike area around spill, absorb liquid in paper or other absorbent materials, and dispose contents in accordance to approved government regulations. Emptied containers (for non water-based product) may be hazardous due to product residues. Dispose packaging accordance to approved government regulations. Always recycle packaging when able.

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UNIVERSAL PROFESSIONAL

Hi-Heat Aluminum Paint PRO-1000



DESCRIPTION:

Premium quality industrial grade aluminum paint formulated to withstand heat on metal surfaces up to 650° Celsius (1200° Fahrenheit).

RECOMMENDED USES:

For metal surfaces that reach temperatures up to 650° Celsius (1200° Fahrenheit).

PRODUCT APPEARANCE	: Liquid
PACKAGE VISCOSITY	: 9-10"#4 Ford Cup
DRY FILM THICKNESS	:
DRY SET TO TOUCH	:
DRY HARD	:
COATING INTERVAL	:
THINNING	:
APPLICATION	: brush, roller, spray
COVERAGE	: 25-30m ² /4L depending on surface porosity & texture
CLEAN-UP	: Paint Thinner
PACKAGING SIZE	: 4 liters
AVAILABLE COLORS	: Aluminum PRO-1000

SURFACE PREPARATION:

New or unpainted surface

Ensure that the metal surface is free from oil, grease, rust, and other surface contaminants. Remove thick rust by sand blasting and thin rust by wire brushing, sanding or scraping. Dust the surface and wipe surface clean prior to priming with metal primer red oxide.

Old or previously painted surface

Remove all loose, peeling, paint, rust, dirt, dust, grease, oil and other contaminants by wire brushing or scraping. Wipe surface clean and priming with metal primer red oxide.

APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

PAINTING DIRECTIONS: For best results use:

- 1st coat: Universal Professional Hi-Heat Aluminum PRO-1000
Air dry for 24 hours.
Pre-heat from 204°C – 260°C and allow to cool
- 2nd coat: Universal Professional Hi-Heat Aluminum PRO-1000
Air dry for 24 hours.
Pre-heat from 204°C – 260°C for 2 hours and slowly increase thermostat to operating temperature.

Note: Pre-heating is necessary for complete cure and to obtain the optimum performance of Universal Professional Hi-Heat Aluminum PRO-1000.

UNIVERSAL PROFESSIONAL

Hi-Heat Aluminum Paint PRO-1000



Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When exposed to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic**, exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

DO NOT DISPOSE IN SEWERS, DRAINS OR BODIES OF WATER. If accidentally spilled, dike area around spill, absorb liquid in paper or other absorbent materials, and dispose contents in accordance to approved government regulations. Emptied containers (for non water-based product) may be hazardous due to product residues. Dispose packaging accordance to approved government regulations. Always recycle packaging when able.

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H-CHEM INDUSTRIES INC. • UNIVERSAL PAINTS SALES AND MARKETING INC.
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care@universalpaint.net#

UNI-COAT

Metal Primer UC-800



DESCRIPTION:

Is an economy grade alkyd-based rust inhibitive coating for steel, metal and iron surfaces.

RECOMMENDED USES:

As primer for steel, metal & iron.

PRODUCT APPEARANCE	: Liquid
PACKAGE VISCOSITY	: 100-105 kus
DRY FILM THICKNESS	:
DRY SET TO TOUCH	: 2 hours
DRY HARD	: 4 hours
COATING INTERVAL	: 2-4 hours
THINNING	: Apply at package consistency, if necessary, use Paint Thinner
APPLICATION	: brush, roller, spray
COVERAGE	: 20-25 m ² /4L depending on surface porosity & texture
CLEAN-UP	: Paint Thinner
PACKAGING SIZE	: 1, 4, 16 liters
AVAILABLE COLORS	: Red Oxide UC-800, Gray UC-801

SURFACE PREPARATION:

New or unpainted surface

Ensure that the metal surface is free from oil, grease, rust, and other surface contaminants. Remove thick rust by sand blasting and thin rust by wire brushing, sanding or scraping. Dust the surface and wipe surface clean prior to priming with metal primer red oxide.

Old or previously painted surface

Remove all loose, peeling, paint, rust, dirt, dust, grease, oil and other contaminants by wire brushing or scraping. Wipe surface clean and priming with metal primer red oxide.

APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

PAINTING DIRECTIONS: For best results use:

- 1st coat: Uni-coat Metal Primer Red Oxide UC-800. Allow 2-4 hours drying time.
2nd -3rd coat: Universal Professional Quick Dry Enamel of desired color

Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When exposed to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic**, exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

DO NOT DISPOSE IN SEWERS, DRAINS OR BODIES OF WATER. If accidentally spilled, dike area around spill, absorb liquid in paper or other absorbent materials, and dispose contents in accordance to approved government regulations. Emptied containers (for non water-based product) may be hazardous due to product residues. Dispose packaging accordance to approved government regulations. Always recycle packaging when able.

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DESCRIPTION:

An acid solution for treatment of rusty metal surfaces prior to paint application.

This product converts steel into an insoluble and stable salt of phosphoric acid resulting to a gray black metal.

RECOMMENDED USES:

Interior and exterior metal surfaces.

PRODUCT APPEARANCE	: Clear Liquid
PACKAGE VISCOSITY	: 12" #4FC
DRY FILM THICKNESS	:
DRY SET TO TOUCH	:
DRY HARD	:
COATING INTERVAL	:
THINNING	: Do not reduce
APPLICATION	: brush
COVERAGE PER 4L	: 40 m ² /4L depending on surface porosity & texture
CLEAN-UP	: Water
PACKAGING SIZE	: 4 liters
AVAILABLE COLORS	: Clear PRO-16

SURFACE PREPARATION:

Apply Otto Rust Converter PRO-16 by brush directly on rusted metal surface. Allow to dry for 4 hours. Remove all loose mortar, dirt and other contaminants. Wipe surface using clean rag wetted with solvent preferably naphtha.

APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

PAINTING DIRECTIONS: For best results use:

- | | | |
|--|---|--|
| 1 st coat | : | Otto MetalPro Metal Primer Red Oxide PRO-17 and / or
Otto MetalPro Epoxy Primer PRO-XXX. |
| 2 nd & 3 rd coat | : | Universal Professional Quick Dry Enamel of desired color and / or
Otto MetalPro Epoxy Topcoat of desired color. |

Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When expose to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic**, exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

DO NOT DISPOSE IN SEWERS, DRAINS OR BODIES OF WATER. If accidentally spilled, dike area around spill, absorb liquid in paper or other absorbent materials, and dispose contents in accordance to approved government regulations. Emptied containers (for non water-based product) may be hazardous due to product residues. Dispose packaging accordance to approved government regulations. Always recycle packaging when able.

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VALIANT

Automotive Enamel Paint



DESCRIPTION:

A premium quality high-grade pigmented enamel topcoat that has a good flow and rapidly dries to a high gloss finish.

RECOMMENDED USES:

Interior and exterior wood and metal surfaces.

PRODUCT APPEARANCE	: Liquid		
PACKAGE VISCOSITY	: 85-90 kus		
DRY FILM THICKNESS	:		
DRY SET TO TOUCH	: 2 hours		
DRY HARD	: 24 hours		
COATING INTERVAL	: 4 hours		
THINNING	: Apply at package consistency, if needed use Paint Thinner		
APPLICATION	: brush, roller, spray		
COVERAGE	: 20-25 m ² /4L depending on surface porosity & texture		
CLEAN-UP	: Paint Thinner		
PACKAGING SIZE	: 1, 4 liters		
AVAILABLE COLORS	: Clear	PRO-900	Moly Orange PRO-905
	: White	PRO-901	International Red PRO-903
	: Carbon Black	PRO-902	Lemon Yellow PRO-904
	: Pthalo Blue	PRO-906	Pthalo Green PRO-907
	: Metallic Fine	PRO-909	Metallic Coarse PRO-908

SURFACE PREPARATION:

Wood

New or unpainted surface

Use kiln-dried wood with a maximum moisture content of 12%. Sand wood until smooth. Counter sink nail heads then putty. Dust the surface and wipe clean.

Old or previously painted or stained surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil, and other contaminants by scraping. Sand the surface. Dust the surface and wipe clean.

Metal

New or unpainted surface

Ensure that the metal surface is free from oil, grease, rust, and other surface contaminants. Remove thick rust by sand blasting and thin rust by wire brushing, sanding or scraping. Dust the surface and wipe surface clean prior to priming with metal primer red oxide.

Old or previously painted surface

Remove all loose, peeling, paint, rust, dirt, dust, grease, oil and other contaminants by wire brushing or scraping. Wipe surface clean and priming with metal primer red oxide.

APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

PAINTING DIRECTIONS: For best results use:

Wood

1st coat: Universal Professional Flatwall Enamel White PRO-400

To remedy surface imperfection: Universal Professional Enamel Glazing Putty PRO-11.

Allow 2 hours drying time then sand.

2nd – 3rd coat: Valiant Automotive Enamel of desired color.

Allow 4 hours drying time between coats.

Metal

1st coat: Otto MetalPro Epoxy Primer PRO-XXX.

To remedy surface imperfection: Otto Polybond Polyester Bodyfiller OTTO-500.

Allow 1 hour drying time then sand.

2nd – 3rd coat: Valiant Automotive Enamel of desired color.

Allow 4 hours drying time between coats.

Apply more coats if higher hiding is desired.

Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When expose to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic**, exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

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VALIANT

Shur-off Paint Remover



DESCRIPTION:

A high quality paint and varnish remover.

RECOMMENDED USES:

As a paint stripper for paint varnish prior to re-painting.

PRODUCT APPEARANCE	: Yellowish Solution
PACKAGE VISCOSITY	:
DRY FILM THICKNESS	:
DRY SET TO TOUCH	:
DRY HARD	: 2 hours
COATING INTERVAL	:
THINNING	: Reduce with Lacquer Thinner
APPLICATION	: brush
COVERAGE PER 4L	: 30 m ² /4L depending on surface porosity & texture
CLEAN-UP	:
PACKAGING SIZE	: 4 liters
AVAILABLE COLORS	:

SURFACE PREPARATION:

Apply by brush directly on paint film to remove; once film swells and soften, strip off paint film with spatula. Remove all stripped off film and excess solution from surface then wipe surface with rag wetted with solvent naphtha.

APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

PAINTING DIRECTIONS: For best results use:

- | | | |
|--|---|--|
| 1 st coat | : | Otto MetalPro Metal Primer Red Oxide PRO-17 and / or
Otto MetalPro Epoxy Primer PRO-XXX. |
| 2 nd & 3 rd coat | : | Universal Professional Quick Dry Enamel of desired color and / or
Otto MetalPro Epoxy Topcoat of desired color. |

Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When expose to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic**, exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

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OTTO POLYBOND

2 Component Polyester Bodyfiller OTTO-500



DESCRIPTION:

A two component 100% solids polyester-based body filler designed for automotive, architectural and industrial applications.

This product exhibits superior adhesion, high impact resistance, flexibility, rapid curing, and easy sandability.

RECOMMENDED USES:

Metal, wood and concrete surfaces.

PRODUCT APPEARANCE	: Gray Paste Pink mix with Hardener
PACKAGE VISCOSITY	: Heavy Paste
DRY FILM THICKNESS	:
DRY SET TO TOUCH	: 10 minutes
DRY HARD	: 1 hour
COATING INTERVAL	: 1 hour
THINNING	: Do not thin
APPLICATION	: Putty knife
COVERAGE	: 5 m ² /4L depending on thickness and surface imperfections
CLEAN-UP	: Lacquer Thinner
PACKAGING SIZE	: 1, 4 liters
MIXING RATIO	: 100 grams Part A, 1.5 grams Part B
AVAILABLE COLORS	: Gray Pink mix with Hardener

SURFACE PREPARATION:

New or unpainted surface

Ensure that the metal surface is free from oil, grease, rust, and other surface contaminants. Remove thick rust by sand blasting and thin rust by wire brushing, sanding or scraping. Dust the surface and wipe surface clean prior to priming with metal primer red oxide.

Old or previously painted surface

Remove all loose, peeling, paint, rust, dirt, dust, grease, oil and other contaminants by wire brushing or scraping. Wipe surface clean and priming with metal primer red oxide.

APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

PAINTING DIRECTIONS:

Important!

Mix well with Polyester Bodyfiller with hardener before using.

OTTO POLYBOND

2 Component Polyester Bodyfiller OTTO-500



Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When exposed to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic**, exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

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OTTO

Acrylic Primer OTTO-300



DESCRIPTION:

A single component acrylic-type primer for automotive acrylic topcoat.

RECOMMENDED USES:

Interior and exterior wood and metal surfaces such as ducco finish applications

PRODUCT APPEARANCE	: Liquid
PACKAGE VISCOSITY	: 75-80 kus
DRY FILM THICKNESS	:
DRY SET TO TOUCH	: 30 minutes
DRY HARD	: 2 hours
COATING INTERVAL	: 1 hour
THINNING	: Acrylic Thinner
APPLICATION	: brush, roller, spray
COVERAGE	: 20-25 m ² /4L depending on surface porosity & texture
CLEAN-UP	: Acrylic Thinner
PACKAGING SIZE	: 1, 4 liters
AVAILABLE COLORS	: White, Gray
FINISH	: Flat

SURFACE PREPARATION:

Wood

New or unpainted surface

Use kiln-dried wood with a maximum moisture content of 12%. Sand wood until smooth. Counter sink nail heads then putty. Dust the surface and wipe clean.

Old or previously painted or stained surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil, and other contaminants by scraping. Sand the surface. Dust the surface and wipe clean.

Metal

New or unpainted surface

Ensure that the metal surface is free from oil, grease, rust, and other surface contaminants. Remove thick rust by sand blasting and thin rust by wire brushing, sanding or scraping. Dust the surface and wipe surface clean prior to priming with metal primer red oxide.

Old or previously painted surface

Remove all loose, peeling, paint, rust, dirt, dust, grease, oil and other contaminants by wire brushing or scraping. Wipe surface clean and priming with metal primer red oxide.

APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

OTTO

Acrylic Primer OTTO-300



PAINTING DIRECTIONS: For best results use:

Wood

1st coat: Otto Acrylic Primer White OTTO-300

To remedy surface imperfections: Otto Acrylic Putty OTTO-400

Spot prime: Otto Acrylic Primer White OTTO-300. Allow 2 hours to dry.

2nd - 3rd coat: Otto Acrylic Topcoat of desired color.

For high gloss finish: Apply 1 coat of Otto Acrylic Hi Performance Topcoat Clear OTTO-102

Metal

1st coat: Otto MetalPro Epoxy Primer White OTTO-600

To remedy surface imperfections: Otto Acrylic Putty OTTO-400

Spot prime: Otto Acrylic Primer White OTTO-300. Allow 2 hours to dry.

2nd - 3rd coat: Otto Acrylic Topcoat of desired color.

For high gloss finish: Apply 1 coat of Otto Acrylic Hi Performance Topcoat Clear OTTO-102

Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When expose to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic**, exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

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DESCRIPTION:

A premium quality acrylic-type putty/filler formulated specifically for repairing minor surface imperfections in wood and metal surfaces.

RECOMMENDED USES:

Metal and wood surfaces.

PRODUCT APPEARANCE	: Liquid			
PACKAGE VISCOSITY	: heavy paste			
DRY FILM THICKNESS	:			
DRY SET TO TOUCH	: 30 minutes			
DRY HARD	: 2 hours			
COATING INTERVAL	: 2 hours			
THINNING	: Apply at package consistency			
APPLICATION	: brush, roller, spray			
COVERAGE	: 8-10 m ² /4L depending on thickness			
CLEAN-UP	: Acrylic Thinner			
PACKAGING SIZE	: 1, 4 liters			
AVAILABLE COLORS	: White	OTTO-400	Gray	OTTO-401
	: Green	OTTO-403		

SURFACE PREPARATION:

Wood

New or unpainted surface

Use kiln-dried wood with a maximum moisture content of 12%. Sand wood until smooth. Counter sink nail heads then putty. Dust the surface and wipe clean.

Old or previously painted or stained surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil, and other contaminants by scraping. Sand the surface. Dust the surface and wipe clean.

Metal

New or unpainted surface

Ensure that the metal surface is free from oil, grease, rust, and other surface contaminants. Remove thick rust by sand blasting and thin rust by wire brushing, sanding or scraping. Dust the surface and wipe surface clean prior to priming with metal primer red oxide.

Old or previously painted surface

Remove all loose, peeling, paint, rust, dirt, dust, grease, oil and other contaminants by wire brushing or scraping. Wipe surface clean and priming with metal primer red oxide.

APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

PAINTING DIRECTIONS: For best results use:**Wood**

1st coat: Otto Acrylic Primer White OTTO-300

To remedy surface imperfections: Otto Acrylic Putty OTTO-400

Spot prime: Otto Acrylic Primer White OTTO-300. Allow 2 hours to dry.

2nd - 3rd coat: Otto Acrylic Topcoat of desired color.

For high gloss finish: Apply 1 coat of Otto Acrylic Hi Performance Topcoat Clear OTTO-102

Metal

1st coat: Otto MetalPro Epoxy Primer White OTTO-600

To remedy surface imperfections: Otto Acrylic Putty OTTO-400

Spot prime: Otto Acrylic Primer White OTTO-300. Allow 2 hours to dry.

2nd - 3rd coat: Otto Acrylic Topcoat of desired color.

For high gloss finish: Apply 1 coat of Otto Acrylic Hi Performance Topcoat Clear OTTO-102

Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When expose to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic**, exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

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DESCRIPTION:

A premium quality thermoplastic acrylic finish for wood and metal surfaces.

This product is easy to apply and dries rapidly for an efficient and economical maintenance service time. It dries to a scratch, impact, and fade-resistant glossy finish.

RECOMMENDED USES:

For interior and exterior wood and metal surfaces. Specially recommended for wood and metal furniture, automotive applications, metal equipment and appliances.

PRODUCT APPEARANCE	: Liquid		
PACKAGE VISCOSITY	: 75-80 kus		
DRY FILM THICKNESS	:		
DRY SET TO TOUCH	: 30 minutes		
DRY HARD	: 4 hours		
COATING INTERVAL	: 2 hours		
THINNING	: Acrylic Thinner		
APPLICATION	: spray		
COVERAGE	: 20-25 m ² /4L depending on surface porosity & texture		
CLEAN-UP	: Acrylic Thinner		
PACKAGING SIZE	: 1, 4 liters		
AVAILABLE COLORS	: White	OTTO-100	Clear OTTO-103
	Super Jet Black	OTTO-123	Pthalo BlueOTTO-119
	International Red	OTTO-112	Moly OrangeOTTO-116
	Hi-Performance Clear	OTTO-102	Pthalo GreenOTTO-120
FINISH	: Gloss		

SURFACE PREPARATION:

Wood

New or unpainted surface

Use kiln-dried wood with a maximum moisture content of 12%. Sand wood until smooth. Counter sink nail heads then putty. Dust the surface and wipe clean.

Old or previously painted or stained surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil, and other contaminants by scraping. Sand the surface. Dust the surface and wipe clean.

Metal

New or unpainted surface

Ensure that the metal surface is free from oil, grease, rust, and other surface contaminants. Remove thick rust by sand blasting and thin rust by wire brushing, sanding or scraping. Dust the surface and wipe surface clean prior to priming with metal primer red oxide.

Old or previously painted surface

Remove all loose, peeling, paint, rust, dirt, dust, grease, oil and other contaminants by wire brushing or scraping. Wipe surface clean and priming with metal primer red oxide.

APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

PAINTING DIRECTIONS: For best results use:

Wood

1st coat: Otto Acrylic Primer White OTTO-300

To remedy surface imperfections: Otto Acrylic Putty OTTO-400

Spot prime: Otto Acrylic Primer White OTTO-300. Allow 2 hours to dry.

2nd - 3rd coat: Otto Acrylic Topcoat of desired color.

For high gloss finish: Apply 1 coat of Otto Acrylic Hi Performance Topcoat Clear OTTO-102

Metal

1st coat: Otto MetalPro Epoxy Primer White OTTO-600

To repair surface imperfections: Otto Acrylic Putty OTTO-400

Spot prime: Otto Acrylic Primer White OTTO-300. Allow 2 hours to dry.

2nd - 3rd coat: Otto Acrylic Topcoat of desired color.

For high gloss finish: Apply 1 coat of Otto Acrylic Hi Performance Topcoat Clear OTTO-102

Health Information:

ALWAYS KEEP AWAY FROM CHILDREN AND ANIMALS. Do not ingest. Ensure adequate ventilation when painting. Avoid excessive inhalation of vapors or spray. Always use the proper eye, skin and breathing equipment.

When expose to paint:

Skin: Wash affected area with soap and water immediately.

Eyes: Wash affected area with large amounts of water. Seek medical attention when irritation or impairment of vision is experienced.

Ingested: If swallowed, do not induce vomiting. Keep person warm and seek medical attention.

Breathed: If affected, remove individual to a well-ventilated area. If symptoms of hardness of breathing or chest pains persist, seek medical attention.

Safety Information:

WARNING! If you scrape sand or remove old paint, you may release lead dust. **Lead is toxic**, exposure to lead dust can cause serious illness, such as brain damage, especially in children, and pregnant women should also avoid exposure.

Keep container tightly sealed in a secure and upright position and away from heat and open flame. Keep away from rags and used cleaning fabrics.

Environmental Information:

DO NOT DISPOSE IN SEWERS, DRAINS OR BODIES OF WATER. If accidentally spilled, dike area around spill, absorb liquid in paper or other absorbent materials, and dispose contents in accordance to approved government regulations. Emptied containers (for non water-based product) may be hazardous due to product residues. Dispose packaging accordance to approved government regulations. Always recycle packaging when able.

THIS INFORMATION CONTAINED HEREIN IS BASED ON THE DATA BELIEVED BY UNIVERSAL PAINT AND COATINGS PHILIPPINES INC. TO BE ACCURATE, BUT WE DO NOT ASSUME ANY LIABILITY FOR THE ACCURACY OF THIS INFORMATION. WE NEITHER SUGGEST NOR GUARANTEE THAT ANY HAZARDS MENTIONED ARE THE ONLY ONES WHICH EXISTS. ANYONE INTENDING TO RELY ON ANY RECOMMENDATION OR TO USE ANY EQUIPMENT, TECHNIQUE, OR MATERIAL MENTIONED SHOULD ALSO SATISFY HIMSELF THAT HE CAN MEET ALL APPLICABLE SAFETY AND HEALTH STANDARDS. DETERMINATION OF THE SUITABILITY OF ANY INFORMATION OR PRODUCTS FOR THE USE CONTEMPLATED BY ANY USER, THE MANNER OF THAT USE AND WHETHER THERE IS ANY INFRINGEMENT OF PATENTS IS THE SOLE RESPONSIBILITY OF THE USER. RECIPIENTS OF ANY OF THE PRODUCTS ASSUME THE FULL RESPONSIBILITY FOR OBSERVING THE EXISTING LAWS AND REGULATIONS WITH REGARD TO USAGE AND DISPOSAL

DESCRIPTION:

A gloss-reducing additive for acrylic topcoats.

RECOMMENDED USES:

Interior wood and metal surfaces.

PRODUCT APPEARANCE	: Liquid
PACKAGE VISCOSITY	: 50-55 kus
DRY FILM THICKNESS	:
DRY SET TO TOUCH	: 30 minutes
DRY HARD	: 2 hours
COATING INTERVAL	: 2 hours
THINNING	: Acrylic Thinner
APPLICATION	: Mix with acrylic topcoats
CLEAN-UP	: Acrylic Thinner
PACKAGING SIZE	: 1, 4 liters
AVAILABLE COLORS	: White OTTO-640

SURFACE PREPARATION:**Wood**New or unpainted surface

Use kiln-dried wood with a maximum moisture content of 12%. Sand wood until smooth. Counter sink nail heads then putty. Dust the surface and wipe clean.

Old or previously painted or stained surface

Remove all loose, peeling, chalking or blistering paint, dirt, dust, grease, oil, and other contaminants by scraping. Sand the surface. Dust the surface and wipe clean.

MetalNew or unpainted surface

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Old or previously painted surface

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APPLICATION:

Do not thin. Inter-mix all cans of same color to ensure color uniformity and consistency. Always stir paint before and occasionally during application. Apply only when temperature is from 10° – 35°C. Do not paint in rain or rain imminent weather. For best results always use high quality roller and brush.

PAINTING DIRECTIONS:

Quantity to be added depends on the gloss reduction required.

Health Information:

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