



Missouri Western State University

4525 Downs Drive
Saint Joseph , Missouri 64507
(816) 271-4200

**PAINT
SUBMITTAL**
2/29/2024

PROJECT

**L E A - ROTC
Facility**

We hereby submit PPG products for use on the above referenced project.
Please find copies of product data and MSDS sheets. Paint provided by
Spectrum Paint Company.



2/29/2024

Missouri Western State University
4525 Downs Drive
Saint Joseph, Missouri 64507

Job : **L E A - ROTC Facility**

Thank you for considering Spectrum Paint Company as your paint supplier. I am submitting the following products as manufactured by PPG for your approval. These products will meet or exceed the performance requirements of the above referenced job. I have enclosed Technical Data and Material Safety Data Sheets on these products for your review.

Please call if I can be of any further assistance. Thank you for this business opportunity.

Respectfully,

Craig Hofmeister
Account Manager
Spectrum Paint Company
816-507-1177

Bryan Roughton
Spectrum Paint Company
913-230-4312

L E A - ROTC Facility

Missouri Western State University

3.05. Paint and Coating Schedule

A. Interior Finishes

1. Ceiling Structure and Upper Band On Wall Surfaces
 - a. Galvanize Metal/Ducts - SSPC1 Solvent Wipe - Lacquer Thinner or Xylol To Remove Contaminates and Mill Glaze
 - b. Ferrous Metal: Knuckles or Raw Steel - Clean and Degrease: Prime PPG 4160-6120 Gray
 - c. Drywall and Block - Fill Holes and Patch Walls - Use Spectrum Paint BuilderMax Quick Dry Alkyd Primer #27000 or Similar Stain Killing Aerosol Can
 - d. Paint: 2 Coats: PPG 6-723XI Flat Black SuperTech DryFall
2. Wall Surfaces - Block and Drywall *Includes Conduit
 - a. Patch Holes Using Dunhams Rock Hard or Similar Masonry Plug - Large holes may require a wall plate
 - b. Skim Coat Drywall Where Needed Or Damaged
 - c. Clean all areas to be painted and degrease wall areas where needed- Simple Green, Dirtex, Krudd Cutter
 - d. Prime All Surfaces: Spectrum Paint RhinoGrip All Purpose Acrylic Primer #68000
 - e. Paint: 2 Coats: PPG Pitt-Glaze PreCat Semi Gloss Epoxy #16-510
3. Hollow Metal Doors and Frames
 - a. Prep: Clean and degrease surfaces to be painted
 - b. Paint: 2 Coats PPG Pitt-Tech DTM Semi Gloss Acrylic Enamel #90-1610
4. Wood Doors To Be Painted
 - a. Prep: Clean and degrease surfaces to be painted
 - b. Prep: Scuff Sand and wipe clean
 - c. Prime: Spectrum Paint Quick Dry Alkyd Stain Block Primer #27000
 - d. Paint: 2 Coats PPG Pitt-Tech DTM Semi Gloss Acrylic Enamel #90-1610

MULTIPRIME 4160

DESCRIPTION

One-component, multi-purpose tank and structural primer

PRINCIPAL CHARACTERISTICS

- Rust Inhibitive interior/exterior alkyd primer
- Ideal for structural steel, tank exteriors, piping and equipment
- May be topcoated on ferrous metal with epoxy and polyurethane coatings as well as conventional alkyds and latex products
- Fast drying properties
- Lead and chromate free

COLOR AND GLOSS LEVEL

- Gray, White, Red
- Flat

BASIC DATA AT 68°F (20°C)

Data for product	
Number of components	One
Volume solids	51 ± 2%
VOC (Supplied)	max. 3.5 lb/US gal (approx. 418 g/l)
Recommended dry film thickness	2.0 - 2.5 mils (50 - 64 µm) depending on system
Theoretical spreading rate	409 ft ² /US gal for 2.0 mils (10.2 m ² /l for 50 µm)
Shelf life	At least 12 months when stored cool and dry

Notes:

- See ADDITIONAL DATA - Overcoating intervals
- See ADDITIONAL DATA - Curing time

RECOMMENDED SUBSTRATE CONDITIONS AND TEMPERATURES

- Coating performance is, in general, proportional to the degree of surface preparation

Steel

- Remove all rust, dirt, moisture, grease or other contaminants from the surface
- Abrasive blast cleaning to SSPC SP-6 standards will give optimum performance
- Where abrasive blasting is not practical, power tool cleaning in accordance with SSPC SP-3 or hand tool cleaning to SSPC SP-2 requirements is acceptable



MULTIPRIME 4160

Galvanizing

- Degrease to SSPC SP-1 and remove any white corrosion products by hand abrasion
- Galvanizing that has had at least 12 months of exterior weathering may be coated after power washing to remove all contaminants and white rust

Substrate temperature and application conditions

- Surface temperature during application should be between 50°F (10°C) and 120°F (49°C)
- Surface temperature during application should be at least 5°F (3°C) above dew point
- Relative humidity during application and curing should not exceed 85%

Warning

Removal of old paint by sanding, scraping or other means may generate dust or fumes which contain lead. EXPOSURE TO LEAD DUST OR FUMES MAY CAUSE ADVERSE HEALTH EFFECTS, ESPECIALLY IN CHILDREN OR PREGNANT WOMEN. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted and approved (e.g., NIOSH approved) respirator and proper containment and cleanup. For additional information, contact the USEPA/Lead Information Hotline at 1-800-424-LEAD or the regional Health Canada office

SYSTEM SPECIFICATION

- Primers: Direct to metal
- Topcoats: HPC RUST PREVENTATIVE ALKYD 4306, HPC INDUSTRIAL ALKYD 4308, HPC INDUSTRIAL ALKYD 4308H, PITT-TECH PLUS 4216 HP, UNI-GRIP 4380, UNI-GRIP 4382, consult PPG Technical Sales for additional options

Note: Consult your sales representative for additional topcoat offerings

INSTRUCTIONS FOR USE

- Inspect the top surface and remove any "skins" that may have formed on top
- Agitate with a power mixer for 1 – 2 minutes until completely dispersed. Ensure good off-bottom mixing

Application

- Area should be sheltered from airborne particulates and pollutants
- Ensure good ventilation during application and curing
- Provide shelter to prevent wind from affecting spray patterns

Air spray

- Separate air and fluid pressure regulators and a moisture and oil trap in the main air supply line are recommended.

Recommended thinner

No thinner should be added

Nozzle orifice

Approx. 0.070 in (1.8 mm)



MULTIPRIME 4160

Airless spray

- 30:1 pump or larger
- Adjust pump pressure as needed

Recommended thinner

No thinner should be added

Nozzle orifice

0.015 – 0.017 in (approx. 0.38 – 0.43 mm)

Note: Adjust pump pressure as needed

Brush/roller

- Use a high quality polyester/nylon brush and/or a high quality 3/8" nap roller. In hot or dry conditions, layoff lightly rolling with 3/8" nap roller cover. Multiple coats may be required to achieve specified film thickness

Recommended thinner

No thinner should be added

Cleaning solvent

Paint Thinner (laquer thinner/mineral spirits) or PPG Thinner 21-06/65 Thinner

ADDITIONAL DATA

Overcoating Interval for DFT up to 2.0 mils (51 µm)		
Overcoating with...	Interval	77°F (25°C)
itself	Minimum	2 hours
	Maximum	Extended

Notes:

- Overcoating times valid for a relative humidity of 50%
- Drying times may vary depending on temperature, humidity, and air movement

Curing time for DFT up to 2.0 mils (51 µm)		
Substrate temperature	Dry to touch	Dry hard
70°F (21°C)	20 minutes	1 hour

Note: Curing times valid for a relative humidity of 50%



MULTIPRIME 4160

Product Qualifications

- Meets MPI Category #23, Primer, Metal, Surface Tolerant
- Meets MPI Category #76, Primer, Alkyd, Quick Dry, for Metal
- Meets MPI category #79, Primer, alkyd, Anti-Corrosive for metal

DISCLAIMER

- For professional use only. Not for household use

SAFETY PRECAUTIONS

- For paint and recommended thinners see INFORMATION SHEETS 1430, 1431 and relevant Material Safety Data Sheets

Danger

Rags, steel wool or waste soaked with this product may spontaneously catch fire if improperly discarded. Immediately after use, place rags, steel wool or waste in a sealed water-filled metal container. Refer to www.pittsburghpaints.com, Spontaneous Combustion Advisory for additional information

WORLDWIDE AVAILABILITY

It is always the aim of PPG Protective and Marine Coatings to supply the same product on a worldwide basis. However, slight modification of the product is sometimes necessary to comply with local or national rules/circumstances. Under these circumstances an alternative product data sheet is used.

REFERENCES

• CONVERSION TABLES	INFORMATION SHEET	1410
• EXPLANATION TO PRODUCT DATA SHEETS	INFORMATION SHEET	1411
• SAFETY INDICATIONS	INFORMATION SHEET	1430
• SAFETY IN CONFINED SPACES AND HEALTH SAFETY, EXPLOSION HAZARD – TOXIC HAZARD	INFORMATION SHEET	1431

WARRANTY

PPG warrants (i) its title to the product, (ii) that the quality of the product conforms to PPG's specifications for such product in effect at the time of manufacture and (iii) that the product shall be delivered free of the rightful claim of any third person for infringement of any U.S. patent covering the product. THESE ARE THE ONLY WARRANTIES THAT PPG MAKES AND ALL OTHER EXPRESS OR IMPLIED WARRANTIES, UNDER STATUTE OR ARISING OTHERWISE IN LAW, FROM A COURSE OF DEALING OR USAGE OF TRADE, INCLUDING WITHOUT LIMITATION, ANY OTHER WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR USE, ARE DISCLAIMED BY PPG. Any claim under this warranty must be made by Buyer to PPG in writing within five (5) days of Buyer's discovery of the claimed defect, but in no event later than the expiration of the applicable shelf life of the product, or one year from the date of the delivery of the product to the Buyer, whichever is earlier. Buyer's failure to notify PPG of such non-conformance as required herein shall bar Buyer from recovery under this warranty.



MULTIPRIME 4160

LIMITATIONS OF LIABILITY

IN NO EVENT WILL PPG BE LIABLE UNDER ANY THEORY OF RECOVERY (WHETHER BASED ON NEGLIGENCE OF ANY KIND, STRICT LIABILITY OR TORT) FOR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES IN ANY WAY RELATED TO, ARISING FROM, OR RESULTING FROM ANY USE MADE OF THE PRODUCT. The information in this sheet is intended for guidance only and is based upon laboratory tests that PPG believes to be reliable. PPG may modify the information contained herein at any time as a result of practical experience and continuous product development. All recommendations or suggestions relating to the use of the PPG product, whether in technical documentation, or in response to a specific inquiry, or otherwise, are based on data, which to the best of PPG's knowledge, is reliable. The product and related information is designed for users having the requisite knowledge and industrial skills in the industry and it is the end-user's responsibility to determine the suitability of the product for its own particular use and it shall be deemed that Buyer has done so, as its sole discretion and risk. PPG has no control over either the quality or condition of the substrate, or the many factors affecting the use and application of the product. Therefore, PPG does not accept any liability arising from any loss, injury or damage resulting from such use or the contents of this information (unless there are written agreements stating otherwise). Variations in the application environment, changes in procedures of use, or extrapolation of data may cause unsatisfactory results. This sheet supersedes all previous versions and it is the Buyer's responsibility to ensure that this information is current prior to using the product. Current sheets for all PPG Protective & Marine Coatings Products are maintained at www.ppgpmc.com. The English text of this sheet shall prevail over any translation thereof.

AVAILABILITY

Packaging

1-gallon and 5-gallon kits

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Architectural Coatings

PPG Speedhide Super Tech WB Interior Latex Dry Fog Flat

GENERAL DESCRIPTION

Speedhide Super Tech Water Based Interior Dry Fog is a premium, fast-drying, low VOC flat designed for interior ceilings and overhead surfaces. With its excellent adhesion to a variety of substrates, this low odor dry-fog is formulated to have excellent flash rust resistance. Its higher hiding white finish has high light reflectance that dry falls in 10 feet under normal conditions. Speedhide Super Tech WB Interior Dry Fog is self-priming on a variety of substrates and is ideal for gymnasiums, commercial warehouses, factories, retail outlets, and parking structures.

For Professional Application Only. Not Intended Or Labeled For Consumer Use.

RECOMMENDED SUBSTRATES

Aluminum	Gypsum Wallboard-Drywall
Concrete/Masonry Block	Plaster
Concrete, Masonry	Pre-Primed Metal Roof Decking
Ferrous Metal	Wood
Galvanized Steel	

CONFORMANCE STANDARDS

VOC compliant in all regulated areas
MPI approved in category 118

PRODUCT INFORMATION

6-723XI	Black
6-725XI	White & Pastel Base
6-726XI	Ultra Deep Base*

*Must be tinted before use.

Refer to the appropriate color formula book, automatic tinting equipment, and or computer color matching system for color formulas and tinting instructions.

PACKAGING

5-Gallon (18.9 L)
55-Gallon (208 L)
Not all products are available in all sizes.

FEATURES / BENEFITS

- Features**
- Excellent hiding power and coverage
 - Dry falls at ten feet
 - Excellent adhesion
 - Tolerates overbuild
 - Light reflecting white
 - Excellent flash rust resistance
 - Self priming on a variety of substrates
 - Can help earn LEED 2009 credits

- Benefits**
- Hides surface imperfections
 - Reduces masking of equipment & clean-up
 - Resists crawling on the surface
 - Resists mud cracking
 - Increases lighting efficiency
 - Minimizes surface imperfections
 - Turns jobs faster & reduces labor
 - Contributes to sustainable design

PERFORMANCE DATA

Property	Test Method	Result
Adhesion	ASTM D3359	Passes
Impact Resistance	ASTM D2794	Passes
Flexibility	ASTM D522	Passes
Pencil Hardness	ASTM D3363	4B

Read Label and Safety Data Sheet prior to use. See other cautions on last page.

PRODUCT DATA

PRODUCT TYPE:	Acrylic Latex
SHEEN:	Flat, 0-5 @ 60° & 85°
VOLUME SOLIDS*:	30% +/- 2%
WEIGHT SOLIDS*:	47% +/- 2%
WEIGHT/GALLON*:	11.1 lbs. (5.0 kg) +/- 0.2 lbs. (91 g)
VOC:	<50 g/L (0.4 lbs./gal.)
LIGHT REFLCTANCE*:	85 (minimum)

*Product data calculated on product 6-725XI.

COVERAGE: Approximately 200 sq. ft. (19 sq. meters) per U.S. Gallon (3.78L) on smooth, nonporous surfaces.

Wet Film Thickness:	8.0 mils
Wet Microns:	203
Dry Film Thickness:	2.4 mils
Dry Microns:	61

Coverage figures do not include loss due to surface irregularities and porosity or material loss due to application method or mixing. Some colors, drastic color changes, or porous substrates may require more than one coat to achieve a uniform finish.

DRYING TIME:	Dry time @ 77°F (25°C); 50% relative humidity.
To Touch:	15 minutes
To Recoat:	2 hours
Dry Fall:	10 ft.

Drying times listed may vary depending on temperature, humidity, film build, color, and air movement. Variations in temperature, humidity, color, and ventilation may affect dry fall distance.

CLEANUP: Clean tools with warm, soapy water.

DISPOSAL: Dispose of contents and container in accordance with all local, regional, national and international regulations.

FLASH POINT: Over 200°F (93°C)

GENERAL SURFACE PREPARATION

Surfaces to be coated must be dry, clean, sound, and free from all contamination including loose and peeling paint, dirt, grease, oil, wax, concrete curing agents and bond breakers, chalk, efflorescence, mildew, rust, product fines, and dust. Remove loose paint, chalk, and efflorescence by wire brushing, scraping, sanding, and/or pressure washing. Putty all nail holes and caulk all cracks and open seams. Sand all glossy, rough, and patched surfaces. Feather back all rough edges to sound surface by sanding. Prime all bare and porous substrates with an appropriate primer as recommended in primers section. If unsure of suitability of the substrate for painting, first spot check the product to test for adhesion performance.

ALUMINUM: This substrate may present potential adhesion problems. Any coating applied directly to aluminum should be spot applied, allowed to cure overnight, and then evaluated for adhesion. If adhesion is good, the application may proceed.

CONCRETE and MASONRY: New concrete should cure for at least 30 days and preferably 90 days prior to priming and painting. The pH of the substrate must be less than 10 before painting.

CONCRETE/MASONRY BLOCK: Mortar should cure for at least 30 days and preferably 90 days prior to priming. Fill block with an appropriate block filler. Surfaces previously coated with water thinned cement-based paint must be prepared with extra care. If the material appears to be adhering tightly, a masonry sealer may be applied to seal the surface. Check adhesion by applying a piece of masking tape. If the sealer peels off and has loose particles, remove all chalking or crumbling material, re-seal and re-check adhesion.

FERROUS METAL: The surface must be cleaned thoroughly to remove any dust, rust, and surface contaminants, and then primed.

GALVANIZED STEEL: Caution must be used when selecting coatings for use on all galvanized metal surfaces. These substrates may have a factory-applied stabilizer, which is used to prevent white rusting during storage and shipping. Such stabilizers must be removed by either brush blasting, sanding or chemical treatment prior to painting.

GYPHUM WALLBOARD-DRYWALL: Nails or screws should be countersunk, and they along with an indentations should be mudded flush with the surface, sanded smooth and cleaned to remove any dust prior to painting the substrate.

PLASTER: Plaster, hardcoat, skim coat, or other alkaline surfaces should be allowed to cure for at least 30 days prior to painting.

PRE-PRIMED METAL ROOF DECKING: This substrate may present potential adhesion problems. Topcoats should be spot applied, allowed to cure overnight, and then evaluated for adhesion. If adhesion is good, the application may proceed.

WOOD: Unpainted wood or wood in poor condition should be sanded smooth, wiped clean, then primed. Any knots or resinous areas must be sealed before painting. Countersink all nails, putty flush with surface, then prime.

RECOMMENDED PRIMERS

Aluminum	17-921XI, Self-priming
Concrete / Masonry Block	6-7, 6-15 (block fillers)
Concrete, Masonry	4-603XI, 17-921XI, Self-priming
Ferrous Metal	4020, 90-712
Galvanized Steel	17-921XI, 90-712, Self-priming
Gypsum Wallboard-Drywall	6-2, 6-4, 9-900, Self-priming
Plaster	4-603XI, 17-921XI, Self-priming
Pre-Primed Metal Roof Decking	Self-priming
Wood	6-2, 9-900, 17-921XI

LIMITATIONS OF USE

FOR PROFESSIONAL APPLICATION ONLY. NOT INTENDED OR LABELED FOR CONSUMER USE. FOR INTERIOR USE ONLY. Apply when air, surface and product temperatures are between 50°F and 90°F (10° and 30°C) and surface temperature is at least 5°F (3°C) above the dew point. Intended for spray application only. Not recommended for immersion service. Some types of machinery and equipment may still require covers as a protection against possible damage to working parts (such as bearings, etc.) Clean any dry overspray before rolling scaffold or allowing foot traffic into area. Proper ventilation is required to prevent excessive humidity build-up which would inhibit dry-fogging properties. Test all spray equipment in a remote area for the proper tips, pressure settings and free-fall drying before proceeding.

PROTECT FROM FREEZING.

APPLICATION INFORMATION

Stir thoroughly before using and occasionally when in use. When using more than one can of the same color, intermix to ensure color uniformity. Dry fog paint dries at varying distances from the area being sprayed. It is dependant upon the degree of air movement, temperature color, and humidity conditions. At higher relative humidities, it will dry more slowly. Test free falling drying distance before proceeding. USE WITH ADEQUATE VENTILATION. KEEP OUT OF REACH OF CHILDREN. Read all label and Safety Data Sheet (SDS) information prior to use. SDS are available through our web site or by calling 1-800-441-9695.

Application Equipment: Apply with airless spray equipment.

Airless Spray: Minimum pressure 2000 psi; tip 0.015" to 0.021". Where necessary, apply a second coat and allow each coat to dry thoroughly before applying the next coat. Changes in application equipment, pressure and/or tip sizes may be required depending on ambient temperatures and application conditions. Spray equipment must be handled with due care and in accordance with manufacturer's recommendation. High-pressure injection of coatings into the skin by airless equipment may cause serious injury.

Thinning: Do not thin.

Permissible temperatures during application:

Material:	50 to 90°F	10 to 32°C
Ambient:	50 to 90°F	10 to 32°C
Substrate:	50 to 90°F	10 to 32°C

PRECAUTIONS

WARNING! SUSPECTED OF CAUSING CANCER. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves. Wear eye or face protection. Wear protective clothing. Emits toxic fumes when heated. **Note: These warnings encompass the product series. Prior to use, read and follow product-specific SDS and label information.** **FIRST AID:** If swallowed, seek medical advice immediately and show this container or label. Keep person warm and at rest. Do not induce vomiting. If in eyes, remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice. If on skin, remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do not use solvents or thinners. If inhaled, remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Keep out of the reach of children. For workplace use, an SDS is available by calling (412) 492-5555. EMERGENCY SPILL INFORMATION: (412) 434-4515 (U.S.).

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PPG Architectural Finishes, Inc. believes the technical data presented is currently accurate: however, no guarantee of accuracy, comprehensiveness, or performance is given or implied. Improvements in coatings technology may cause future technical data to vary from what is in this bulletin. For complete, up-to-date technical information, call 1-800-441-9695.





RHINO-GRIP™

RHINO-GRIP™ 8000 Interior/Exterior Universal Primer/Sealer (68000)

A premium interior exterior acrylic universal primer formulated to meet the performance requirements of the residential and commercial segments. Especially formulated to block most stains-water, smoke, ink, markers and tannin. Exceptional adhesion to glossy surfaces. Also recommended as a whole house primer for use on properly prepared interior or exterior wood, masonry, plaster, wallboard, cement, brick, stucco, cement composition board, aluminum and wall coverings.

Recommended Substrates: Aluminum Siding, Brick, Concrete, Fiber Cement, Fiberglass, Gypsum Wallboard-Drywall, Masonry, MDO Board, Plaster, Stucco, Vinyl Siding and Wood.

Application: Stir thoroughly before using and occasionally when in use. When using more than one can of the same color, intermix to ensure color uniformity. **USE WITH ADEQUATE VENTILATION. KEEP OUT OF REACH OF CHILDREN.** Read all label and Safety Data Sheets (SDS) information prior to use. Apply with a high quality brush, roller, paint pad, or by spray equipment, Severe stains may require two coats of primer. Brushing is the preferred method of application over chalky substrates. If painting will be interrupted for more than 15 minutes, keep brushes wet by wrapping them in tinfoil or plastic wrap. Airless spray pressure 2000 psi; tip 0.015" - 0.021". Spray equipment must be handled with due care and in accordance with manufacturer's recommendation. High-pressure injection of coatings into the skin by airless equipment may cause serious injury. Use a Polyester/Nylon brush; 3/8"-3/4" nap roller cover; Do Not Thin.

Product Type: 100% Acrylic Latex
Volume Solids: 40% +/- 2%
Weight Solids: 52% +/- 2%
Sheen: Low Sheen
VOC: <50 g/L (0.4 lbs/gal.)
Dry Film Thickness: 1.6 mils
Wet Film Thickness: 4.0 mils
Flash Point: Over 200°F (93°C)

Dry Time at 77°F at 50% relative humidity: to touch = 30 minutes; recoat = 1 hour; to full cure = 30 days; drying times listed may vary depending on temperature, humidity, film build, color, and air movement.

Coverage: Approximately 400 sq ft/gal per U.S. gallon on smooth, nonporous surfaces.

Clean Up: Clean tools with warm, soapy water.

Disposal: Contact your local environmental regulatory agency for guidance on disposal of unused product. Do not pour down a drain or storm sewer.

General Surface Preparation: Surface must be clean and dry. Remove dirt, mildew, grease and other surface contamination. Remove loose paint, excessive amounts of chalk, and efflorescence by wire brushing, scraping, sanding, and/or pressure washing. Repair all moisture problems. Blistering and peeling issues are commonly caused by moisture behind the paint film. Putty all nail holes, and caulk all cracks and open seams. Sand all rough, and patched surfaces. Sanding is not required if the surface is properly and thoroughly cleaned. **WARNING!** If you scrape, sand, or remove old paint, you may release lead dust or fumes. **LEAD IS TOXIC. EXPOSURE TO LEAD DUST OR FUMES CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE.** Wear a properly fitted NIOSH-approved respirator and prevent skin contact to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the USEPA National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

Precautions: **WARNING! HARMFUL IF INHALED. HARMFUL IF SWALLOWED. CAUSES RESPIRATORY TRACT IRRITATION.** Do not breathe vapor or mist. Do not swallow. Keep container tightly closed and sealed until ready for use. Wash thoroughly after handling. Provide fresh air ventilation during and after application and drying. Avoid the inhalation of dust, particulates, spray or mist arising from the application of this preparation. Use personal protective equipment as required. These warnings encompass the product series. Prior to use, read and follow product-specific SDS and label information. **FIRST AID:** If swallowed, rinse mouth with water (only if the person is conscious). Call physician immediately. Do not induce vomiting unless directed to do so by medical personnel. If in eyes, rinse with water for 15 minutes. Check for and remove any contact lenses. If on skin, rinse well with water. Wash with soap and water. Get medical attention if irritation develops. If inhaled, remove to fresh air. Keep out of reach of children. **EMERGENCY SPILL INFORMATION:** (412) 434-4515.



Architectural Coatings

PPG Pitt-Glaze WB1 Interior Pre-Catalyzed Acrylic Water-Borne Epoxy Semi-Gloss

GENERAL DESCRIPTION

Pitt-Glaze WB1 Water-Borne Acrylic Epoxy is a one-component acrylic epoxy semi-gloss coating for interior use and is a low-odor replacement for traditional two component acrylic epoxy products providing a recoatable, impact and mildew-resistant finish. This product meets the strictest VOC regulations with a VOC content of less than 100 g/L and its minimal odor makes Pitt-Glaze WB1 suitable for hospitals, schools, cafeterias and food processing plants, or any area that cannot be taken out of service for an extended period of time. Do not use in household dwellings. This item is intended for industrial use only and should only be applied by a professional. This item is for use in areas such as office space and meeting rooms of industrial, commercial or institutional facilities exposed to repeated heavy abrasion, including mechanical wear and repeated scrubbing with industrial solvents, cleaners, or scouring agents.

RECOMMENDED SUBSTRATES

Aluminum	Galvanized Steel
Concrete	Gypsum Wallboard-Drywall
Concrete/Masonry Block	Plaster
Ferrous Metal	Wood

CONFORMANCE STANDARDS

VOC compliant in all regulated areas

PRODUCT INFORMATION

16-510	White & Pastel Base
16-540	Neutral Base*

*Must be tinted before use.

Refer to the appropriate color formula book, automatic tinting equipment, and or computer color matching system for color formulas and tinting instructions.

FEATURES / BENEFITS

Features

- Single component, waterbased formula
- Less than 100 g/L VOC content
- Excellent abrasion and impact resistance
- Excellent chemical and stain resistance
- Lower odor than two-component
- Excellent mildew resistant coating

Benefits

- No mixing or measuring and unlimited pot life
- Meets the most stringent regulatory standards
- Longlasting protection
- Extends substrates life
- Can be applied in occupied areas
- Resists mildew/fungus/biological growth on the paint film

PERFORMANCE DATA

ASTM D1308 Chemical Resistance

- Acid (10% hydrochloric acid)
- Acid (10% phosphoric acid)
- Acid (10% sulfuric acid)
- Base (25% sodium hydroxide)
- Cleaner (Fantastik®)
- Gasoline
- Mineral Spirits
- Water
- Xylene

Results

- Excellent
- Excellent
- Excellent
- Excellent
- Excellent
- Excellent
- Excellent
- Excellent
- Excellent
- Limited

Read Label and Safety Data Sheet prior to use. See other cautions on last page.

PRODUCT DATA

PRODUCT TYPE:	Acrylic Epoxy
SHEEN:	Semi-Gloss, 50-70 @60°
VOLUME SOLIDS*:	37% +/- 2%
WEIGHT SOLIDS*:	47% +/- 2%
WEIGHT/GALLON*:	9.9 lbs. (4.5 kg) +/- 0.2 lbs. (91 g)
VOC:	<100 g/L (0.8 lbs./gal.)

*Product data calculated on product 16-510.

COVERAGE: Approximately 400 sq. ft. (37 sq. meters) per U.S. Gallon (3.78L) on smooth, nonporous surfaces.

Wet Film Thickness:	4.0 mils
Wet Microns:	102
Dry Film Thickness:	1.5 mils
Dry Microns:	38

Coverage figures do not include loss due to surface irregularities and porosity or material loss due to application method or mixing. Some colors, drastic color changes, or porous substrates may require more than one coat to achieve a uniform finish.

DRYING TIME: Dry time @ 77°F (25°C); 50% relative humidity.

To Touch:	1 hour
To Recoat:	4 hours
To Full Cure:	30 days

Allow 24 hours before normal use. Drying times listed may vary depending on temperature, humidity, film build, color, and air movement.

CLEANUP: Clean tools with warm, soapy water.

DISPOSAL: Contact your local environmental regulatory agency for guidance on disposal of unused product. Do not pour down a drain or storm sewer.

FLASH POINT: Over 200°F (93°C)

GENERAL SURFACE PREPARATION

Surface must be clean and dry. Remove all loose, peeling paint, dirt, grease, and any other surface contaminants. Putty all nail holes and caulk all cracks and open seams. Sand all glossy, rough, and patched surfaces. Plaster, concrete, and masonry surfaces must be completely dry, free of efflorescence, and allowed to cure for 30 days prior to painting. Prime all bare wood, drywall, plaster, masonry, metal, and porous surfaces with an appropriate primer.

WARNING! If you scrape, sand, or remove old paint, you may release lead dust or fumes. LEAD IS TOXIC. EXPOSURE TO LEAD DUST OR FUMES CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a properly fitted NIOSH-approved respirator and prevent skin contact to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the USEPA National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead. Follow these instructions to control exposure to other hazardous substances that may be released during surface preparation.

ALUMINUM: This substrate may present potential adhesion problems. Any coating applied directly to aluminum should be spot applied, allowed to cure overnight, and then evaluated for adhesion. If adhesion is good, the application may proceed.

CONCRETE: New concrete and masonry should cure for at least 30 days and preferably 90 days prior to priming and painting. The pH of the substrate must be less than 10 before priming with an alkali resistant primer. Painting glazed brick is not recommended due to potential adhesion problems.

CONCRETE/MASONRY BLOCK: Mortar should cure for at least 30 days and preferably 90 days prior to painting. Fill block with an appropriate block filler. Surfaces previously coated with water thinned cement-based paint must be prepared with extra care. If the material appears to be adhering tightly, a masonry sealer may be applied to seal the surface. Check adhesion by applying a piece of masking tape. If the sealer peels off and has loose particles, remove all chalking or crumbling material, re-seal and re-check adhesion.

FERROUS METAL: The surface must be cleaned thoroughly to remove any dust, rust, and surface contaminants, and then primed with a metal primer.

GALVANIZED STEEL: Caution must be used when selecting coatings for use on all galvanized metal surfaces. These substrates may have a factory-applied stabilizer, which is used to prevent white rusting during storage and shipping. Such stabilizers must be removed by either brush blasting, sanding or chemical treatment prior to priming.

GYPSUM WALLBOARD-DRYWALL: Nails or screws should be countersunk, and they along with any indentations should be mudded flush with the surface, sanded smooth and cleaned to remove any dust, prior to priming and painting the substrate.

PLASTER: Plaster, hardcoat, skim coat, or other alkaline surfaces should be allowed to cure for at least 30 days prior to priming with an alkali resistant primer.

WOOD: Unpainted wood or wood in poor condition should be sanded smooth and wiped clean. Any knots or resinous areas must be primed before painting. Countersink all nails, putty flush with surface, then prime.

RECOMMENDED PRIMERS

Aluminum	4020, 90-712
Concrete	4-603XI, 17-921XI, 3210-120XI
Concrete/Masonry Block	6-7, 6-15XI
Ferrous Metal	4020, 90-712, 90-912
Galvanized Steel	4020, 90-712
Gypsum Wallboard-Drywall	6-2, 6-4, 9-900, 12-900XI, 3210-120XI
Plaster	4-603XI, 17-921XI, 3210-120XI
Wood	6-2, 9-900, 12-900XI, 17-921XI, 3210-120XI

PACKAGING

- 1-Gallon (3.78 L)
- 5-Gallon (18.9 L)

Not all products are available in all sizes.

LIMITATIONS OF USE

FOR INTERIOR USE ONLY. Apply when air, surface and product temperatures are between 50°F (10°C) and 90°F (32°C).

Do not use on floors, in areas of saturating humidity, or on submerged surfaces.

For professional use only. Not intended for residential use.

PROTECT FROM FREEZING.

While this product provides a mildew resistant coating, growth may still occur if the substrate is not properly prepared prior to painting and/or if the substrate is consistently exposed to conditions conducive to mold, mildew, and algae. Examples of these conditions include, but are not limited to areas that are consistently damp with little to no direct sunlight.

APPLICATION INFORMATION

Stir thoroughly before using and occasionally when in use. When using more than one can of the same color, intermix to ensure color uniformity. USE WITH ADEQUATE VENTILATION. KEEP OUT OF REACH OF CHILDREN. Read all label and Safety Data Sheet (SDS) information prior to use. SDS are available through our web site or by calling 1-800-441-9695.

Application Equipment: Apply with a high-quality brush, roller, paint pad, or by spray equipment.

Airless Spray: Pressure 1500 to 2000 psi; tip 0.015" to 0.021". Spray equipment must be handled with due care and in accordance with manufacturer's recommendation. High-pressure injection of coatings into the skin by airless equipment may cause serious injury.

Brush: Polyester/Nylon Brush

Roller (nap roller cover): 3/8" - 3/4"

Thinning: Thinning is not required.

Permissible temperatures during application:

Material:	50 to 90°F	10 to 32°C
Ambient:	50 to 100°F	10 to 38°C
Substrate:	50 to 100°F	10 to 38°C

PRECAUTIONS

WARNING! HARMFUL IF INHALED. HARMFUL IF SWALLOWED. MAY CAUSE EYE IRRITATION. MAY CAUSE ALLERGIC SKIN REACTION. Sanding and grinding dusts may be harmful if inhaled. Do not breathe vapor or mist. Do not swallow. Do not get on skin or clothing. Avoid contact with eyes. Keep container tightly closed and sealed until ready for use. Wash thoroughly after handling. Provide fresh air ventilation during and after application and drying. Avoid the inhalation of dust, particulates, spray or mist arising from the application of this preparation. Use personal protective equipment as required. **Note: These warnings encompass the product series. Prior to use, read and follow product-specific SDS and label information. FIRST AID:** If swallowed, rinse mouth with water (only if the person is conscious). Call physician immediately. Do not induce vomiting unless directed to do so by medical personnel. If in eyes, rinse with water for 15 minutes. Check for and remove any contact lenses. In case of contact, immediately flush skin with plenty of water while removing contaminated clothing and shoes. Get medical attention if irritation develops. If inhaled, remove to fresh air. Call physician immediately. Keep out of the reach of children. For workplace use, an SDS is available from your retailer or by calling (412) 492-5555. EMERGENCY SPILL INFORMATION: (412) 434-4515 (U.S.).

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PITT-TECH® PLUS EP DTM ACRYLIC SEMI-GLOSS

DESCRIPTION

One-component, int./ext. semi-gloss DTM industrial grade enamel

PRINCIPAL CHARACTERISTICS

- 100% waterborne acrylic enamel
- Excellent adhesion for true DTM performance
- Easy to apply
- Low odor during application
- Fast drying properties
- Flash rust resistant
- Good abrasion, chemical, and corrosion resistance
- Provides mildew resistant coating
- Washable, scrub resistant
- Soap and water clean up

COLOR AND GLOSS LEVEL

- White and Pastel Base, Midtone Base, Neutral Base, Red Base, Yellow Base, Black
- Semi-gloss

Note: Certain colors, especially red, orange, and yellow may require additional coats for adequate hiding, especially if applied over primers with a significant color contrast

BASIC DATA AT 68°F (20°C)

Data for product	
Number of components	One
Volume solids	40 ± 2%
VOC (Supplied)	max. 0.4 lb/US gal (approx. 50 g/l)
Temperature resistance (Continuous)	To 200°F (93°C)
Temperature resistance (Intermittent)	To 250°F (121°C)
Recommended dry film thickness	2.0 - 4.0 mils (50 - 100 µm) depending on system
Theoretical spreading rate	320 ft ² /US gal for 2.0 mils (7.9 m ² /l for 50 µm)
Shelf life	At least 36 months when stored cool and dry

Notes:

- See ADDITIONAL DATA - Overcoating intervals
- See ADDITIONAL DATA - Curing time



PITT-TECH® PLUS EP DTM ACRYLIC SEMI-GLOSS

RECOMMENDED SUBSTRATE CONDITIONS AND TEMPERATURES

- Coating performance is proportional to the degree of surface preparation. Refer to the application instructions for specific primers and intermediate coats for application and curing procedures. Ensure epoxies are free from amine blush prior to overcoating. All previous coats must dry and free of contaminants. Adhere to all minimum and maximum topcoat times for specific primers and intermediate coats. Aged epoxy coatings require abrading prior to applying the product. A test patch over unknown coatings is recommended.

Steel

- Remove all rust, dirt, moisture, grease or other contaminants from the surface in accordance with SSPC SP-1
- Power tool clean in accordance with SSPC SP-3 or hand tool clean to SSPC SP-2 requirements. Alternately, abrasive blast to SSPC SP-7 requirements. Abrasive blasting to SSPC SP-6 or better is also allowable and will give the best possible system performance
- Note that a primer must be used on all bare metal substrates when using colors made from Midtone and Neutral bases
- When using as a DTM finish without a primer, a minimum of two coats is recommended for best corrosion resistance

Non-ferrous metals and galvanizing

- Remove oil or soap film with detergent or emulsion cleaner as per SSPC SP-1 and galvanizing requirements, then use a phosphatizing conversion coating
- Alternately, power tool clean to uniformly abrade the surface or lightly abrasive blast with a fine abrasive to produce a uniform and dense anchor profile of 1.0 – 2.0 mils (25 – 50 µm) in accordance with SSPC SP-16.
- Galvanizing that has had at least 12 months of exterior weathering may be coated after power washing to remove all contaminants and white rust
- Galvanized surfaces that have been passivated with a chromate treatment must be abrasive blasted. Coatings may not adhere to chromate sealed galvanizing if the chromates are not completely removed.

Concrete / Masonry

- Clean concrete surface, abrasive blast per ASTM D4259 or acid-etch in accordance with ASTM D 4260
- Fill concrete voids with AMERCOAT 965 or AMERCOAT 114 A
- Clean masonry surfaces by ASTM D4261
- Fill masonry block with AMERLOCK 400 BF block filler or PPG 4-100XI acrylic block filler

Wood

- Sand new bare wood to remove any surface contamination and surface cells
- Remove oil spots, sap or pitch by wiping with 97-737 thinner
- Properly dispose of solvent rags to avoid spontaneous combustion hazard
- A wood primer or a first coat of this product may be used to prime the surface
- To recoat primed wood, remove all dirt, grease, or oil with a cleaner. Rinse with clean water. Remove wax with a commercial de-waxer. Sand loose paint to a tight, adherent surface

Dry wall

- Tape all joints, fill cracks and nail holes with patching, paste or spackle; sand smooth. Remove all dust. Unsealed drywall will require at least 2 coats of this product



PITT-TECH® PLUS EP DTM ACRYLIC SEMI-GLOSS

Substrate temperature and application conditions

- Surface temperature during application should be between 40°F (4°C) and 120°F (49°C)
- Surface temperature during application should be at least 5°F (3°C) above dew point
- Ambient temperature during application and curing should be between 40°F (4°C) and 100°F (38°C)
- Relative humidity in excess of 85% will slow curing

Warning

Removal of old paint by sanding, scraping or other means may generate dust or fumes which contain lead. EXPOSURE TO LEAD DUST OR FUMES MAY CAUSE ADVERSE HEALTH EFFECTS, ESPECIALLY IN CHILDREN OR PREGNANT WOMEN. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted and approved (e.g., NIOSH approved) respirator and proper containment and cleanup. For additional information, contact the USEPA/Lead Information Hotline at 1-800-424-LEAD or the regional Health Canada office

SYSTEM SPECIFICATION

- Primers for concrete, masonry, stucco, plaster: 4-603XI, 4-808, AMERLOCK SERIES (concrete)
- Primers for CMU: 4-100XI, AMERLOCK 400BF, 6-15XI
- Primers for ferrous metal: self-priming, 90-1912 SERIES, METALHIDE 2000, 6-208, 7-852, AMERLOCK 2/400, DIMETCOTE 9 SERIES
- Primers for non-ferrous metals: self-priming, 90-1912 SERIES, 6-204, 6-208, 6-209
- Primers for drywall: 6-2, 9-900, 17-921XI
- Primers for Exterior Wood: 17-921XI

INSTRUCTIONS FOR USE

- Agitate with a power mixer for 1 – 2 minutes until completely dispersed. Ensure good off-bottom mixing

Application

- Area should be sheltered from airborne particulates and pollutants
- Avoid combustion gases or other sources of carbon dioxide that may promote ambering of light colors
- Ensure good ventilation during application and curing
- Provide shelter to prevent wind from affecting spray patterns
- Avoid exterior painting late in the day or when dew or condensation are likely to form or if rain is expected

Material temperature

Material temperature during application should be between 50°F (10°C) and 90°F (32°C)

PITT-TECH® PLUS EP DTM ACRYLIC SEMI-GLOSS

Air spray

- Use standard conventional equipment

Recommended thinner

Tap water

Volume of thinner

0 - 5%

Nozzle orifice

Approx. 0.070 in (1.8 mm)

Nozzle pressure

0.3 - 0.5 MPa (approx. 4 - 5 bar; 50 - 70 p.s.i.)

Note: Overthinning may result in inadequate film thickness and subsequent pinpoint rusting

Airless spray

- 28:1 pump or larger

Recommended thinner

Tap water

Volume of thinner

0 - 5%

Nozzle orifice

0.013 - 0.017 in (approx. 0.33 - 0.43 mm)

Note: Overthinning may result in inadequate film thickness and subsequent pinpoint rusting

Brush/roller

- Use a high quality polyester/nylon brush and/or a high quality 3/8" nap roller. In hot or dry conditions, layoff lightly rolling with 3/8" nap roller cover. Multiple coats may be required to achieve specified film thickness

Recommended thinner

Tap water

Volume of thinner

0 - 5%

Note: Overthinning may result in inadequate film thickness and subsequent pinpoint rusting

PITT-TECH® PLUS EP DTM ACRYLIC SEMI-GLOSS

Cleaning solvent

Soap and water

ADDITIONAL DATA

Overcoating interval for DFT up to 2.0 mils (51 µm)					
Overcoating with...	Interval	40°F (4°C)	50°F (10°C)	70°F (21°C)	90°F (32°C)
itself	Minimum	1 hour	1 hour	45 minutes	30 minutes
	Maximum	Unlimited	Unlimited	Unlimited	Unlimited

Notes:

- Overcoating times valid for a relative humidity of 50%
- Drying times may vary depending on temperature, humidity, and air movement

Curing time for DFT up to 2.0 mils (51 µm)		
Substrate temperature	Dry to touch	Dry to handle
40°F (4°C)	30 minutes	1 hour
50°F (10°C)	30 minutes	1 hour
70°F (21°C)	15 minutes	45 minutes
90°F (32°C)	10 minutes	30 minutes

Note: Curing times valid for a relative humidity of 50%

Product Qualifications

- Meets MPI Category #153, Light Industrial Coating, Interior, Water Based, Semi-Gloss (MPI Gloss Level 5)
- Meets MPI Category #153 X-Green™, Light Industrial Coating, Interior, Water Based, Semi-Gloss (MPI Gloss Level 5)
- Meets MPI Category #163, Light Industrial Coating, Exterior, Water Based, Semi-Gloss (MPI Gloss Level 5)

DISCLAIMER

SAFETY PRECAUTIONS

- For paint and recommended thinners see INFORMATION SHEETS 1430, 1431 and relevant Material Safety Data Sheets

WORLDWIDE AVAILABILITY

It is always the aim of PPG Protective and Marine Coatings to supply the same product on a worldwide basis. However, slight modification of the product is sometimes necessary to comply with local or national rules/circumstances. Under these circumstances an alternative product data sheet is used.



PITT-TECH® PLUS EP DTM ACRYLIC SEMI-GLOSS

REFERENCES

• CONVERSION TABLES	INFORMATION SHEET	1410
• EXPLANATION TO PRODUCT DATA SHEETS	INFORMATION SHEET	1411
• SAFETY INDICATIONS	INFORMATION SHEET	1430
• SAFETY IN CONFINED SPACES AND HEALTH SAFETY, EXPLOSION HAZARD – TOXIC HAZARD	INFORMATION SHEET	1431

WARRANTY

PPG warrants (i) its title to the product, (ii) that the quality of the product conforms to PPG's specifications for such product in effect at the time of manufacture and (iii) that the product shall be delivered free of the rightful claim of any third person for infringement of any U.S. patent covering the product. THESE ARE THE ONLY WARRANTIES THAT PPG MAKES AND ALL OTHER EXPRESS OR IMPLIED WARRANTIES, UNDER STATUTE OR ARISING OTHERWISE IN LAW, FROM A COURSE OF DEALING OR USAGE OF TRADE, INCLUDING WITHOUT LIMITATION, ANY OTHER WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR USE, ARE DISCLAIMED BY PPG. Any claim under this warranty must be made by Buyer to PPG in writing within five (5) days of Buyer's discovery of the claimed defect, but in no event later than the expiration of the applicable shelf life of the product, or one year from the date of the delivery of the product to the Buyer, whichever is earlier. Buyer's failure to notify PPG of such non-conformance as required herein shall bar Buyer from recovery under this warranty.

LIMITATIONS OF LIABILITY

IN NO EVENT WILL PPG BE LIABLE UNDER ANY THEORY OF RECOVERY (WHETHER BASED ON NEGLIGENCE OF ANY KIND, STRICT LIABILITY OR TORT) FOR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES IN ANY WAY RELATED TO, ARISING FROM, OR RESULTING FROM ANY USE MADE OF THE PRODUCT. The information in this sheet is intended for guidance only and is based upon laboratory tests that PPG believes to be reliable. PPG may modify the information contained herein at any time as a result of practical experience and continuous product development. All recommendations or suggestions relating to the use of the PPG product, whether in technical documentation, or in response to a specific inquiry, or otherwise, are based on data, which to the best of PPG's knowledge, is reliable. The product and related information is designed for users having the requisite knowledge and industrial skills in the industry and it is the end-user's responsibility to determine the suitability of the product for its own particular use and it shall be deemed that Buyer has done so, as its sole discretion and risk. PPG has no control over either the quality or condition of the substrate, or the many factors affecting the use and application of the product. Therefore, PPG does not accept any liability arising from any loss, injury or damage resulting from such use or the contents of this information (unless there are written agreements stating otherwise). Variations in the application environment, changes in procedures of use, or extrapolation of data may cause unsatisfactory results. This sheet supersedes all previous versions and it is the Buyer's responsibility to ensure that this information is current prior to using the product. Current sheets for all PPG Protective & Marine Coatings Products are maintained at www.ppgmc.com. The English text of this sheet shall prevail over any translation thereof.

AVAILABILITY

Packaging

1-gallon and 5-gallon containers

Product codes	Description
90-1610	White and Pastel Base
90-1620	Midtone Base*
90-1640	Neutral base*
90-1653	Black
90-1660	Red base
90-1680	Yellow base

Note: * Must be tinted

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Spec-Pro® Buildermax® Quick Dry Alkyd Primer Undercoater (27000)

Spec-Pro® Buildermax® Quick Dry Alkyd Primer Undercoater: Designed to meet the performance requirements of the professional applicators. Provides excellent adhesion to a wide range of surfaces, blocking and sealing out a variety of common stains including water, nicotine, markers, and graffiti stains. This primer can be re-coated in one hour and provides excellent adhesion to glossy surface, like Formica, aluminum, and tile.

Recommended Substrates: Brick, Concrete/Masonry Block, Gypsum Wallboard-Drywall, Masonry, Plaster and Wood.

Application: Stir thoroughly before using and occasionally during application. Must be back brushed if spray is applied. **USE WITH ADEQUATE VENTILATION. KEEP OUT OF REACH OF CHILDREN.** Read all label and Material Safety Data Sheet (MSDS) Information prior to use. Apply with a high quality brush, roller, paint pad, or by spray equipment. Where necessary, apply a second coat. **Airless Spray:** Pressure 2000 psi, tip 0.015"-0.021". Spray equipment must be handled with due care and in accordance with manufacturer's recommendation. High-pressure injection of coatings into the skin by airless equipment may cause serious injury. Explosion-proof equipment must be used when coating with these materials in confined areas. Keep containers closed and away from heat, sparks, and flames when not in use. **Brush:** High quality natural bristle brush. **Roller:** 3/16"-3/8" nap roller cover. Do not thin. Permissible temperatures during application: Material 50 to 90°F Ambient: 50 to 100°F Substrate 50 to 100°F.

Product Type: Alkyd
Volume Solids: 46% ± 2%
Weight Solids: 71% ± 2%
Sheen: 4 to 10 (60° Gloss Meter)
VOC: <420 g/L (3.5 lbs./gal.)
Dry Film Thickness: 1.8 mils
Wet Film Thickness: 4 mils
Flash Point: 73°F (23°C)

Dry Time at 77°F at 50% relative humidity: to touch = 20 minutes; recoat = 1 hour; to full cure = 4 hours; drying times listed may vary depending on temperature, humidity, film build, color, and air movement.

Coverage: Approximately 400 sq. ft. (37.2 sq. meters) per U.S. Gallon (3.78L) on smooth, nonporous surfaces.

Clean Up: Paint Thinner

Disposal: Contact your local environmental regulatory agency for guidance on disposal of unused product. Do not pour down a drain or storm sewer.

General Surface Preparation: Surfaces to be coated must be dry, clean, sound, and free from all contamination including loose and peeling paint, dirt, grease, oil, wax, concrete curing agents and bond breakers, chalk, efflorescence, mildew, rust, product fines, and dust. Remove loose paint, chalk, and efflorescence by wire brushing, scraping, sanding, and/or pressure washing. Putty all nail holes and caulk all cracks and open seams. Sand all glossy, rough, and patched surfaces. Feather back all rough edges to sound surface by sanding. **WARNING!** If you scrape, sand, or remove old paint, you may release lead dust or fumes. **LEAD IS TOXIC. EXPOSURE TO LEAD DUST OR FUMES CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE.** Wear a properly fitted NIOSH-approved respirator and prevent skin contact to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the USEPA National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead. Follow these instructions to control exposure to other hazardous substances that may be released during surface preparation.

Precautions: **WARNING! HARMFUL IF SWALLOWED.** Sanding and grinding dusts may be harmful if inhaled. This product contains crystalline silica which can cause lung cancer or silicosis. The risk of cancer depends on the duration and level of exposure to dust from sanding surfaces or mist from spray applications. Do not breathe vapor or mist. Do not swallow. Do not get on skin or clothing. Keep container tightly closed and sealed until ready for use. Wash thoroughly after handling. Provide fresh air ventilation during and after application and drying. Avoid the inhalation of dust, particulates, spray or mist arising from the application of this preparation. Use personal protective equipment as required. **FIRST AID:** If swallowed, rinse mouth with water (only if the person is conscious). Call physician immediately. Do not induce vomiting unless directed to do so by medical personnel. If in eyes, rinse with water for 15 minutes. Check for and remove any contact lenses. If on skin, rinse well with water. Wash with soap and water. Get medical attention if irritation develops. If inhaled, remove to fresh air. If experiencing respiratory symptoms call a **POISON CENTER** or doctor/physician. Keep out of reach of children.