DTM Wash Primer

B71Y00001 Yellow-Green

CHARACTERISTICS

DTM WASH PRIMER is a water based wash primer designed to be applied over aluminum and galvanizing, or used as a tie-coat over zinc rich primers. Accepts high performance “hot” solvent topcoats directly, such as epoxies and urethanes.

Features:
- No “critical” film thickness or recoat time
- Suitable for use in USDA inspected facilities

For use over properly prepared:
- Aluminum
- Galvanizing
- Stainless steel
- Zinc rich primers

Finish:
- 4-8”@60”

Color:
- Yellow-Green

Recommended Spreading Rate per coat:
- Wet mils: 3.4-6.4
- Dry mils: -.7-1.4

Coverage:
- 251-502 sq.ft. per gallon

Theoretical Coverage:
- 352 sq.ft. per gallon @ 1 mil dry

Approximate spreading rates are calculated on volume solids and do not include any application loss.

Drying Schedule @ 6.0 mils wet, @ 50% RH:
- Drying, and recoat times are temperature, humidity, and film thickness dependent.
  - @50°F: 2 hours
  - @77°F: 1 hour
  - @110°F: 1 hour
  - To touch: 3 hours
  - To handle: 3 hours
  - To recoat: 8 hours
  - To cure: 7 days

Tinting:
- DO NOT TINT

V.O.C. (less exempt solvents):
- 98 grams per litre; 0.82 lbs. per gallon
  - As per 40 CFR 59.406

Volume Solids:
- 22 ± 2%

Weight Solids:
- 31 ± 2%

Weight per Gallon:
- 9.41 lb

Flash Point:
- N/A

Shelf Life:
- 36 months, unopened

APPLICATION

Temperature:
- Minimum: 50°F / 10°C
- Maximum: 110°F / 49°C

Relative humidity:
- At least 5°F above dew point

Reduction: Not recommended

Airless Spray:
- Pressure: 1500 p.s.i.
- Hose: 1/4 inch I.D.
- Tip: .015 - .017 inch
- Filter: 80 mesh

Conventional Spray:
- Gun: Binks 95
- Air Nozzle: 66
- Fluid Nozzle: 63 PB
- Atomization Pressure: 50 p.s.i.
- Fluid Pressure: 15-25 p.s.i.
- Reduction: Not recommended

Roller Cover
- Not recommended

Brush
- Not recommended

Other Acceptable Topcoats:
- Acrolon 218 HS Polyurethane
- Industrial Enamel HS
- Macropoxy HS Epoxy
- Metalatex Semi-Gloss Enamel
- Pro Industrial DTM acrylic
- Pro Industrial Waterbased Epoxies
- Pro Industrial Waterbased Alkyd-Urethane
- Pro Industrial Multi-Surface Acrylic
- Pro Industrial Pre-Catalyzed Epoxy
- Pro Industrial Pre-Catalyzed Urethane
- Pro Industrial Urethane Alkyd Enamel
- Pro Industrial Waterbased Acrolon 100
- Tile-Clad HS Epoxy

Due to the wide variety of substrates, substrate properties, surface preparation methods, equipment and tools, application methods, and environments, the customer should test the complete system for adhesion, compatibility and performance prior to full scale application.

The systems listed above are representative of the product’s use, other systems may be appropriate.

SPECIFICATIONS

Aluminum:
- 1 coat DTM Wash Primer
- 2 coats Pro Industrial Acrylic

Galvanizing:
- 1 coat DTM Wash Primer
- 2 coats Pro Industrial Acrylic

Stainless Steel:
- 1 coat DTM Wash Primer
- 2 coats Pro Industrial Acrylic

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SURFACE PREPARATION

**WARNING!** Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other 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 respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

When cleaning the surface per SSPC-SP1, use only an emulsifying industrial detergent, followed by a water rinse. Do not use hydrocarbon solvents for cleaning.

Remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Existing peeled or checked paint should be scraped and sanded to a sound surface. Glossy surfaces should be sanded dull. Stains from water, smoke, ink, pencil, grease, etc. should be sealed with the appropriate primer/sealer. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

**Aluminum** - Remove all oil, grease, dirt, oxide and other foreign material per SSPC-SP1.

**Galvanizing** - Allow to weather a minimum of six months prior to coating. Solvent Clean per SSPC-SP1. When weathering is not possible, or the surface has been treated with chromates or silicates, first Solvent Clean per SSPC-SP1 and apply a test patch. Allow paint to dry at least one week before testing adhesion. If adhesion is poor, brush blasting per SSPC-SP16 is necessary to remove these treatments. Rusty galvanizing requires a minimum of Hand Tool Cleaning per SSPC-SP2, prime the area the same day as cleaned with Pro Industrial Pro-Cryl Primer.

**Zinc Rich Coatings** - Remove all oil, dust, grease, dirt, loose rust, and other foreign material by cleaning per SSPC-SP1 or water blast per NACE Standard RP-01-T2. For weathered zinc coatings, remove zinc salts by either high pressure water washing and scrubbing with a stiff bristle brush or sweep blast followed by a water flush. Allow to dry thoroughly before coating.

SURFACE PREPARATION

Mildew - Prior to attempting to remove mildew, it is always recommended to test any cleaner on a small, inconspicuous area prior to use. Bleach and bleaching type cleaners may damage or discolor existing paint films. Bleach alternative cleaning solutions may be advised.

Mildew may be removed before painting by washing with a solution of 1 part liquid bleach and 3 parts water. Apply the solution and scrub the mildewed area. Allow the solution to remain on the surface for 10 minutes. Rinse thoroughly with water and allow the surface to dry before painting. Wear protective eyewear, waterproof gloves, and protective clothing. Quickly wash off any of the mixture that comes in contact with your skin. Do not add detergents or ammonia to the bleach/water solution.

SAFETY PRECAUTIONS

Before using, carefully read **CAUTIONS** on label. Refer to the Safety Data Sheets (SDS) before use.

FOR PROFESSIONAL USE ONLY.

Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.

CLEANUP INFORMATION

Clean spills, spatters, hands and tools immediately after use with soap and warm water. After cleaning, flush spray equipment with compliant cleanup solvent to prevent rusting of the equipment. Follow manufacturer’s safety recommendations when using solvents.

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