

DTM Wash Primer

B71Y00001 Yellow-Green


**SHERWIN
WILLIAMS®**

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	@77°F	@110°F
To touch	3 hours	2 hours	1 hour
To handle	3 hours	2 hours	1 hour
To recoat	8 hours	2 hours	1 hour
To cure	7 days	7 days	3 days

Tinting: **DO NOT TINT**

Extra White B71Y00001

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

COMPLIANCE

As of 08/11/2021, Complies with:

OTC	Yes
OTC Phase II	Yes
S.C.A.Q.M.D.	Yes
CARB	Yes
CARB SCM 2007	Yes
CARB SCM 2020	Yes
Canada	Yes
LEED® v4 & v4.1 Emissions	No
LEED® v4 & v4.1 V.O.C.	Yes
EPD-NSF® Certified	No
MIR-Manufacturer Inventory	No
MPI®	N.A.

APPLICATION

Temperature:
minimum 50°F / 10°C
maximum 110°F / 49°C
air, surface, and material

At least 5°F above dew point
Relative humidity: 85% maximum

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compatible with the existing environmental and application conditions.

Reducer: 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
Fluid Nozzle 66
Air Nozzle 63 PB
Atomization Pressure 50 p.s.i.
Fluid Pressure 15-25 p.s.i.
Reduction: As needed up to 12.5% by volume

Brush Not recommended

Roller Cover Not recommended
Brush and Roll Not recommended except for touch up.

If specific application equipment is listed above, equivalent equipment may be substituted.
Apply paint at the recommended film thickness and spreading rate as indicated. Application of coating above maximum or below minimum recommended spreading rate may adversely affect coating performance.

Mix paint thoroughly by boxing and stirring before use. Avoid unnecessary entrapment of air. Mix with a power mixer at low speed.

When using spray application, use a 50% overlap with each pass of the gun to avoid holidays, bare areas, and pinholes. If necessary, cross spray at a right angle.

Product must be topcoated. Does not provide significant corrosion protection. Do not apply over heavily blasted metal. This product does not have enough solids to cover the blast profile and to provide suitable protection.

DTM Wash Primer is not intended for use over chemical treatments on steel, galvanized steel, or aluminum. Using this over these chemical treatments may result in loss of adhesion.

Sanding or light mechanical abrading of hard, smooth metallic surfaces, such as stainless steel or chrome, improves adhesion.

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.

SPECIFICATIONS

Aluminum:

1 coat DTM Wash Primer
2 coats Pro Industrial Acrylic

Galvanizing:

1 coat DTM Wash Primer
2 coats Pro Industrial Acrylic

Steel:

1 coat Zinc Clad Primer
1 coat DTM Wash Primer
2 coats Pro Industrial Acrylic

Stainless Steel:

1 coat DTM Wash Primer
2 coats Pro Industrial Acrylic

Other Acceptable Topcoats:

Acrolon 218 HS Polyurethane
Industrial Enamel HS
Macropoxy HS Epoxy
Metalatex Semi-Gloss Enamel
Pro Industrial DTM Acrylic
Pro Industrial Waterbased Epoxy
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

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

DTM Wash Primer

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-01-72. 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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