Pro Industrial™
DTM Wash Primer
B71Y00011 Yellow-Green

CHARACTERISTICS

Pro Industrial™ 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 a 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 recoats	6 hours	2 hours	1 hour
To cure	7 days	7 days	3 days

Tinting: **DO NOT TINT**

Extra White B71Y00011

V.O.C. (less exempt solvents):
97 grams per litre; 0.81 lbs. per gallon
As per 40 CFR 59.406

Volume Solids:	21 ±2%
Weight Solids:	30 ±2%
Weight per Gallon:	9.30 lbs
Flash Point:	N/A
Shelf Life:	36 months, unopened

COMPLIANCE

As of 12/19/2023, 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:	No 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. No reduction in restricted area that are less than 340 g/L. Confirm compliance with national, state, and local air quality rules before use.
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.

Pro Industrial 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 Pro Industrial DTM Wash Primer
2 coats Pro Industrial Acrylic

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

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

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

Other acceptable topcoats:
Acrolon 218 HS Polyurethane
Macropoxy HS Epoxy
Pro Industrial DTM Acrylic
Pro Industrial Waterbased Acrolon 100
Pro Industrial Industrial Enamel HS
Pro Industrial Waterbased Epoxy
Pro Industrial Waterbased Alkyd-Urethane
Pro Industrial Multi-Surface Acrylic
Pro Industrial Pre-Catalyzed Epoxy
Pro Industrial Pre-Catalyzed Urethane

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

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SURFACE PREPARATION

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. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator 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 National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

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, oxides, and other contaminants from the surface by cleaning 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 from the surface 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 clean water. Apply the solution and scrub the mildewed area. Allow the solution to remain on the surface for 10 minutes. Rinse thoroughly with clean 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 clean 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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