



TECHNICAL DATA SHEET

Product Description: Fast Dry DTM Alkyd Primer - Grey

Product Code : 5150

GENERAL DESCRIPTION :

Fast dry alkyd primer is based on a blend of two fast drying resins and special antirust pigment to provide good adhesion and corrosion resistance on all type of ferrous substrates. It is ideal for structural steel and other interior or exterior metal surfaces.

SURFACE PREPARATION:

All surfaces must be clean, dry and free of dirt, oil, grease and other contaminants.

Remove oil or grease with thinner soaked rags, changing rags frequently.

Rusted areas must be scraped with a steel wire brush or sandblasted.

A minimum SSPC-SP3 Power Tool Cleaning is recommended, however, an SSPC-SP6 Commercial Blast Cleaning will provide improved product performance.

Previously Painted Surfaces: Must be dulled by sanding. Loose paint must be removed.

Apply primer on small area to make sure old paint does not lift.

APPLICATION PROCEDURES:

Mix well and dilute if necessary with 5 to 10% #2110 thinner. For airless or air assisted spray, use as is.

Airless Spray: Speeflo Atlas 30:1 with tip sizes .013" - .015" or equivalent

H.V.L.P.: Binks Model Mach 1 94 x 97AP (pressure) or equivalent

Conventional: Binks Model 95GUN 63CSS X 63PB (pressure) or equivalent

Brush or Roller: Brushing is limited to small areas or touch-up

FEATURES

Fast dry times. Excellent adhesion. Smooth matt finish with good hiding properties. Free from heavy metals.

Passes the following tests without visible film deterioration.

168 hours Salt Spray ASTM B-117

500 hours Humidity Cabinet ASTM D4585

Exceeds CISC/PMAC Standards #1-73A and 2-75

UCP / Solignum Paint Inc.

200 Norelco Drive, Weston, Ontario, M9L 1S4, (416) 749-5542

19500 Transcanada Hwy, Baie d'Urfé, Québec, H9X 3S4, (514) 457-1512, Fax: (514) 457-0883, 1-800-361-9465



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REDUCTION SOLVENT:

VM+P Naphtha #2105 / 5 -10 % per volume if required

CLEANING:

VM+P Naphtha #2105

STORAGE:

Cool, dry, secure location.
Maximum 1 year / Original sealed containers

LIMITATIONS ET PRÉCAUTIONS: Apply when the ambient temperature is between 10°C and 30°C.
Do not apply on cold, wet or hot surfaces.
Do not apply at high humidity levels.
Keep away from ignition sources.
Mix well before using.
Keep containers tightly sealed when not in use.
This product is for industrial use only.
Refer to Material Safety Data Sheet for proper health and safety information.

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Product Description: Fast Dry DTM Alkyd Primer -Grey	
Product Code : 5150	
Product Type:	Modified Alkyd
Gloss (60 degree angle):	Less then 5 deg.
Viscosity:	65-70 KU
Weight per U.S. Gallon:	10.46 $\pm$ 0.25 lbs
Volume Solids:	55 $\pm$ 1%
Weight Solids:	75 $\pm$ 1 %
Coverage m²/Lt @ 25 Microns DFT:	18-20 m ² (theoretical)
Coverage ft²/ U.S. GAL @ 1 MIL DFT:	730 - 800 ft ² (theoretical)
Flash Point:	7°C
VOC (gr/Lt) // (lbs/ gal)	400 gr/Lt // 3.30 lbs/U.S.gal
Corrosion Resistance / Salt Spray B117:	Minimum 168 hours (cold roll steel)
Adhesion ASTM D-3359 (SSPC-SP-1/-SP-10)	5B
Flexibility ASTM D522 (Conical Mandrel Test)	No cracks
Static Coefficients of Friction (μ_s)	Steel: 0.490 / Rubber: 0.939
Kinetic Coefficients of Friction (μ_k)	Steel: 0.327 / Rubber: 0.857
Wet film thickness:	4 - 6 mils.
Dry film thickness:	1.80 - 2.70 mils.
Drying conditions :	25°C/50-80% RH
To touch:	15-20 minutes
Print free:	45-60 minutes
Through dry:	2-3 hours
To recoat:	minimum 4-6 hours
Precaution:	Keep away from open sparks and flames

Note:

All information contained in this data sheet is accurate to the best of our knowledge however due to variances in individual surface preparation and application procedures UCP Paint Inc. can not assume responsibility for the results obtained.

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