

Fast Dry DTM Waterbase Acrylic Finish

Industrial Coating

Description

Industrial Acrylic Gloss Coating is a industrial fast dry DTM, waterborne acrylic gloss enamel for metal shop use or OEM applications only. Designed for application on properly prepared ferrous and non-ferrous metal substrates. Low VOC, excellent adhesion, rust-resistance makes this product an excellent alternative to traditional solvent-based alkyd enamels. For more information regarding DTM applications, contact a Vista Representative. **FOR METAL SUBSTRATES ONLY.**

Recommended Uses

Ideal for use on steel, equipment, fixtures, refuse bins, transport-containers, wrought iron in shop-coat applications where minimal downtime is required.

Colors

White and Black. Optional colors available in quantities of 50 gallon minimum.

Packaging

One and five gallon containers and 55 gallon drums

Finish

High gloss, sheen @ 60° = 78.0 - 84.0%

Surface Preparation

Surface must be clean, dry and free of surface-soil contaminants. Remove oil, grease, dirt, loose rust, loose or peeling paint or chemical contaminants to ensure proper product adhesion. Minimum surface preparation and primer maybe required before application:

Previously Coated Surfaces: All surfaces must be free of oil, grease, loose dirt, surface chalk, loose or peeling paint and rust. Remove all surface-soil contaminants by applicable cleaning methods required per job specifications.

Application

Mix thoroughly. Spray apply only when air and surface temperatures are between 55°F – 100°F, and the relative humidity is no greater than 80%.

Caution: Extreme high or low humidity may have an effect on both dry time and gloss retention.

When coating commercially blasted surfaces per SSPC-SP6, two coats of **Metal Pro 4810, 4896** are recommended to ensure absolute coverage of the surface profile. To prevent flash rusting prime all bare metal surfaces same day or immediately following cleaning application.

Primer

4810 Metal Pro Primer Red Oxide

4896 Metal Pro Primer Gray

Drying Time

Tack Free:	30 – 60 Minutes
Handling:	1.0 – 1.5 Hours
Recoat:	1.5 – 2.0 Hours
Moisture Resistance:	12 Hours

Drying Schedule: Dry times are based on 70° F @ 80% relative humidity. Dry times will be extended at increased humidity above 80°F and temperatures below 50° F.

Coverage

Apply at the recommended film thickness and spreading rate as indicated below:

Suggested Mil Thickness

Wet: 4 - 7 mils per coat

Spreading Rate

340 square feet per gallon at 1.5 mils. Overall coverage will depend on method of application and surface conditions of substrates.

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Thinning

If thinning is required, thin only with clean water sparingly.

Clean Up

Flush spray lines immediately with water. Wash tools promptly with clean water.

Product Mixing

Important! Agitate or stir before using product to allow for uniform consistency of product.

Safety Precautions

Refer to MSDS before use.

Equipment

Conventional / airless spray equipment and highly suitable for most spray applications. Tip sizes may vary depending on type of equipment used and manufacturer specs. It is recommended a small test strip be applied to an inconspicuous area for desired application requirements.

Conventional Spray

Atomization Pressure	25 – 60 psi
Fluid Pressure	20 – 40 psi
Air Nozzle	66 SD
Fluid Nozzle	25 psi

Airless Spray

Pressures	2000 psi
Tips	0.13" – 0.19"
Hose	¼" ID
Filter	60 mesh

Storage Conditions

Store in dry well-ventilated area. Storage temperatures should be between 40° and 100° F. Protect from freezing. Shelf life is recommended at 12 months.

Composition

Titanium Dioxide	15.9%
TOTAL PIGMENT	15.9%

Acrylic Resin	23.0%
Additives / Solvents	9.1%
Water	52.0%
TOTAL VEHICLE	84.1%

Weights & Measurements +/-3.0%

Solids by Volume:	31.6%
Solids by Weight:	41.0%
VOC:	169 g/l
Weight Per Gal:	9.6 lbs.
Viscosity:	72 KU

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