

DTM Waterborne Paint

Description

Premium quality DTM waterborne acrylic based paint which is ideal for painting containers & similar equipment.

Cost savings

- Less coats: excellent hiding & coverage
- Minimal preparation: excellent adhesion to most prepared substrates
- Self priming: one product for primer & topcoat
- Quick turnaround: fast drying & recoat time
- Cost effective for both interior & exterior applications.

Ease of use

- Easy cleaning – water wash to clean tools & equipment
- Easy apply with brush, roller or spray
- Ideal for shop & maintenance applications.

Product features

- Protection for most surfaces
- Direct to metal (DTM) finish coat system
- Steel & weathered galvanized steel
- Corrosion & flash rust resistant
- Low voc, low odor, water clean up
- Excellent gloss & color retention
- Tough semigloss finish
- Tolerant to colder temperatures & higher humidities
- Can be applied over recently applied caulks.

Product characteristics

- Finish: Semigloss
- Color: Beige or gray (other colors available)
- Solids: 38% $\pm$ 2 by volume 48% $\pm$ 2 by weight
- V.O.C.: <0.70 lb/gal Coating VOC (85 g/l)
<1.20 lb/Gal Less Water&Exempt (<145g/l)
- WPG: 10.5 $\pm$ 0.2 lbs/Gal.(1.26 kg/L.)
- Drying time: 2 to 7 hours depending on WFT and conditions.

Application rate

- Theoretical: 576 sq.feet/gal at 1.0 mil dry
- Recommended: 2 – 4 mils dry (50-100 microns) or 6 – 11 mils wet (150 – 275 microns).

Actual coverage may vary depending on the substrate and the application method.

Drying schedule (per coat)

- Touch Dry: 1 hour
- Recoat Time: 4 hours minimum.

Drying time is influenced by temperature, humidity, film thickness & ventilation.

Storage and cleaning

- Shelf life: 12 months @ 77F (25C) Unopened.
- Flash point: 200 F (> 93 C)
- Reducer: Water
- Clean up: Water
- Tinting: Can be tinted with appropriate approved tinters. Consult manufacturer for specific colors.

Tinting can affect performance & drying.

Performance characteristics

Characteristic	Standard	...
Adhesion	ASTM D3349	Excellent
Humidity resistance	ASTM D4585	Excellent
Impact resistance	ASTM D2794	Excellent
Salt spray resistance	ASTM B117	Good
Flexibility	ASTM D522	Excellent
Accelerated weathering	ASTM D4587	Good
Pencil hardness	ASTM D3363	2B

Based on 3-4 mils dry on properly prepared steel.

Surface preparation

Surface must be clean, dry and free from any oil, grease, dirt, loose rust and any other foreign material. Surface must be in sound condition to ensure adequate adhesion and performance.

Surface	...
Steel & iron	SSPC-SP2 min.
Aluminum	SSPC-SP1 min.
Galvanized steel	SSPC-SP1 min.
Concrete & masonry	SSPC-SP13 min.
Previously painted	Wash, rinse & dry. Test first

Directions for use

Mix thoroughly before use. Apply by brush, roller or spray. Spray is preferred for maximum protection. Spray using 0.015" tip and adjust pressure to 1500 psi. Brush and roller may require two coats to achieve proper hide and coverage.

Do not apply below 50F (10C) or above 110 F (43C) based on air or surface. Ensure that application is at least 5F (2.8C) above dew point.

Delivery, storage and handling

Package materials shall bear the appropriate labels seals and Guardian label for fire resistive rating and shall be stored at temperatures between 45o F (10o C) and 100o F (40oC) in a dry interior location away from direct sunlight. Do not freeze.

Project/site conditions

The minimum substrate and ambient temperature of 40o F (5o C) shall be maintained prior to, during, and a minimum of 72 hours after application.

Relative humidity shall not exceed 95% throughout the total period of application and drying for the intumescent fire resistive material.

MSDS

Refer to the MSDS sheet before use. Published technical data and instructions are subject to change without notice. Contact your TizbiTehnologies representative for additional technical data and instructions.

Disclaimer

TizbiTehnologies warrants our products to be free of manufacturing defects in accord with applicable TizbiTehnologies quality control procedures. Liability for products proven defective, if any, is limited to replacement of the defective product or the refund of the purchase price paid for the defective product as determined by TizbiTehnologies.

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