

3700 SYSTEM

DTM ACRYLIC ENAMEL



This low-VOC, water based acrylic finish is perfect for indoor or outdoor Direct-To-Metal (DTM) applications. It offers protection on metal, concrete and masonry in high humidity climates and can be applied down to 35°F (2°C).

- Superior corrosion resistance, gloss and color retention, adhesion, early water resistance and chemical resistance as proven by independent testing
- Excellent coverage in one coat
- Excellent early block resistance
- Protects against mild acids, alkalis and solvents
- Efficient direct-to-metal (DTM) coating – no primer required
- Meets USDA requirements for incidental food contact



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		READY-MIXED	TINT BASES
Resin Type		Acrylic dispersion	Acrylic dispersion
Pigment Type		Varies with color	Varies with color
Solvents		Water, propylene glycol	Water, propylene glycol
Weight	Per Gallon	8.5-10.0 lbs.	8.5-9.9 lbs.
	Per Liter	1.0-1.2 kg	1.0-1.2 kg
Solids	By Weight	34-51%	38-44%
	By Volume	35-40%	36-39%
Volatile Organic Compounds		<250 g/l (2.08 lbs./gal.)	<250 g/l (2.08 lbs./gal.)
Recommended Dry Film Thickness (DFT) Per Coat		2-3 mils (50-75 μ)	2-3 mils (50-75 μ)
Wet Film to Achieve DFT		5-8 mils (125-200 μ)	5.0-8.5 mils (125-212.5 μ)
Theoretical Coverage at 1 mil DFT (25 μ)		561-640 sq. ft./gal. (15.0-15.7 m ² /l)	577-626 sq. ft./gal. (14.2-15.4 m ² /l)
Practical Coverage at Recommended DFT (assumes 15% material loss)		160-270 sq. ft./gal. (3.9-6.6 m ² /l)	160-270 sq. ft./gal. (3.9-6.6 m ² /l)
Dry Times at 70-80°F (21-27°C) and 50% rel. hum.	Tack-free	1-2 hours	1-2 hours
	Handle	2-4 hours	2-4 hours
	Recoat	1-3 hours	1-3 hours
Dry Heat Resistance		200°F (93°C)	200°F (93°C)
Shelf Life		5 years	5 years
Specification and Performance Alternatives		Can be used in USDA-regulated facilities based on FSIS Directive 11,000.4 (Rev.4), November 24,1995. Agriculture Canada accepted.	
Safety Information	Contains	Lead-free	
	Warning!	PROTECT FROM FREEZING. CAUTION! MAY CAUSE EYE AND SKIN IRRITATION. FOR INDUSTRIAL AND COMMERCIAL USE ONLY. SEE THE PRODUCT MATERIAL SAFETY DATA SHEET (MSDS) AND LABEL WARNINGS FOR ADDITIONAL SAFETY INFORMATION.	

APPLICATION

SUBSTRATE

STEEL

GALVANIZED

CONCRETE

MASONRY

VOC g/l

VOC <250

