



PROFESSIONAL HIGH PERFORMANCE DTM ALKYD ENAMEL (400 VOC)

DESCRIPTION AND USES

Rust-Oleum® Professional DTM Alkyd Enamels are oil-modified alkyds with excellent rust prevention when applied directly to metal. They also offer excellent coverage, chip resistance and color retention.

Not for use on galvanized steel.

PRODUCTS

SKU DESCRIPTION

PRIMERS

K7769402	Flat Red
215969	White Clean Metal

FINISHES

K7725402	Safety Blue
K7738402	Hunter Green
K7744402	Safety Yellow
K7764402	Safety Red
K7776402	Flat Black
K7779402	Black
K7786402	Smoke Gray
K7789402	Light Machine Gray
K7792402	White
215964	Royal Blue
215966	Almond
215967	Leather Brown
215968	Flat White

PRODUCT APPLICATION

SURFACE PREPARATION

Clean surface with soap and water, rinse and let dry. Remove loose paint and rust with a wire brush or sandpaper. Lightly sand glossy surfaces.

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.

PRODUCT APPLICATION (cont.)

APPLICATION

Apply only when air and surface temperatures are between 32-90°F (0-38°C) and humidity is below 85% to ensure proper drying. Do not apply to surfaces that, when heated, exceed 200°F (93°C) or galvanized metal. Can be used over most latex or oil paints. Professional DTM Alkyd Enamels and Primers are not recommended for water immersion.

Mix thoroughly to ensure any settled pigment is re-dispersed before using. Thin material, only if necessary, with acetone. For brush or roller, thinning is not normally required. For air spray, thin up to 1-½ to 2 pints per gallon. Do not thin with gasoline, lacquer thinner, turpentine, etc. For airless spray, thinning is not normally required. Apply with a good quality brush, roller or spray gun.


Brush: Use light, even strokes. Excessive brushing reduces film thickness and protection.

Roller: The rougher the surface, the longer the roller nap should be. Cover approximately one square yard at a time. Roll away from previously coated area and work back on it for a uniform appearance. Use a brush on crevices and sharp edges.

Spray Gun: Follow spray gun directions carefully. Always keep the gun ten to twelve inches from the surface and in motion while spraying.

CLEAN-UP

Clean brush, roller and other tools with mineral spirits.

	TECHNICAL DATA	PRO-03
	PROFESSIONAL HIGH PERFORMANCE DTM ALKYD ENAMEL (400 VOC)	

PHYSICAL PROPERTIES

DTM ALKYD ENAMEL 400 VOC FINISHES		
Resin Type		Modified Alkyd
Pigment Type		Varies with color
Solvents		Aliphatic hydrocarbons
Weight	Per Gallon	7.6-8.9 lbs.
	Per Liter	0.9-1.1 kg
Solids	By Weight	56.1-62.8%
	By Volume	48.3-48.5%
Volatile Organic Compounds		<400 g/l (3.33 lbs./gal.)
Recommended Dry Film Thickness (DFT) Per Coat		1.5-2.5 mils (37.5-62.5μ)
Wet Film to Achieve DFT (unthinned material)		3.0-5.0 mils (75-125μ)
Practical Coverage at Recommended DFT (assumes 15% material loss)		265-440 sq. ft./gal. (6.5-10.8 m ² /l)
Dry Times at 70-80°F (21-27°C) and 50% Relative Humidity	Tack-free	2-4 hours
	Handle	8-12 hours
	Recoat	24 hours (allow more time at cooler temperatures)
Dry Heat Resistance		200°F (93°C)
Shelf Life		5 years
Flash Point		104°F (93°C)
Safety Information		For additional information, see SDS

The technical data and suggestions for use contained herein are correct to the best of our knowledge, and offered in good faith. The statements of this literature do not constitute a warranty, express, or implied, as to the performance of these products. As conditions and use of our materials are beyond our control, we can guarantee these products only to conform to our standards of quality, and our liability, if any, will be limited to replacement of defective materials. All technical information is subject to change without notice.



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