



PROFESSIONAL HIGH PERFORMANCE DTM ALKYD ENAMEL (450 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

DESCRIPTION	GALLON	QUART
Rusty Metal Red Primer	7769402	-----
White Clean Metal Primer	7780402	
Aluminum Primer	8781402	
Aluminum	7715402	-----
Safety Blue	7524402	-----
Royal Blue	7727402	V7727502
Hunter Green	7738402	V7738502
Safety Yellow	7543402	202191T
Dark Brown	7748402	-----
Safety Orange	7555402	-----
Safety Red	7564402	202192T
Regal Red	7765402	-----
Almond	7770402	V7570502
Sand	7771402	-----
Leather Brown	7775402	V7575502
Flat Black	7776402	7578502
Black	7779402	V7579502
Light Machine Gray	7781402	-----
Smoke Gray	7786402	V7586502
Flat White	7790402	7590502
White	7792402	V7592502
Semi-Gloss White	239076	243996T
Semi-Gloss Black	239078	243995L
Red Tint Base	7505418	-----
Yellow Tint Base	7506418	-----
Masstone Tint Base	7507418	-----
Pastel Tint Base	7509418	-----

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.

PRODUCT APPLICATION (cont.)

SURFACE PREPARATION (cont.)

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.

APPLICATION

Apply only when air and surface temperatures are between 32-90°F (0-38°C) and humidity is below 65% to ensure proper drying. Do not apply to surfaces that, when heated, exceed 200°F (93°C) or galvanized metal. Professional DTM Alkyd Enamels 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.

DRY & RECOAT TIMES

Dry and recoat times are based on 70°F (21°C) and 50% relative humidity. Allow more time at cooler temperatures. Dries to the touch in 2-4 hours, to handle in 5-10 hours and is fully dry after 24 hours. Recoat after 24 hours.

CLEAN-UP

Clean brush, roller and other tools with mineral spirits.

	TECHNICAL DATA	PRO-02
PROFESSIONAL HIGH PERFORMANCE DTM ALKYD ENAMEL (450 VOC)		

PHYSICAL PROPERTIES

		DTM ALKYD ENAMEL 450 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	51-59%
	By Volume	42-43%
Volatile Organic Compounds		<450 g/l (3.75 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)		3.5-6.0 mils (87.5-150µ)
Practical Coverage at Recommended DFT (assumes 15% material loss)		230-390 sq.ft./gal. (5.7-9.6 m ² /l)
Dry Times at 70-80°F (21-27°C) and 50% Relative Humidity	Touch	2-4 hours
	Handle	5-10 hours
	Recoat	24 hours
Dry Heat Resistance		212°F (100°C)
Shelf Life		5 years
Flash Point		104°F (93°C)
Safety Information		For additional information, see SDS

Calculated values are shown and may vary from the actual manufactured material.

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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