



PROFESSIONAL ENAMEL GALLONS

DESCRIPTION AND USES

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

PRIMERS

- 7769402 Red Primer
- 7780402 Gray Primer
- 8781402 Aluminum Primer

FINISHES

- 7524402 Safety Blue
- 7543402 Safety Yellow
- 7555402 Safety Orange
- 7564402 Safety Red
- 7715402 Aluminum
- 7727402 Royal Blue
- 7738402 Hunter Green
- 7748402 Dark Brown
- 7765402 Regal Red
- 7770402 Almond
- 7771402 Sand
- 7775402 Leather Brown
- 7776402 Flat Black
- 7779402 Black
- 7781402 Light Machine Gray
- 7786402 Smoke Gray
- 7790402 Flat White
- 7792402 White
- 239076 Semi-Gloss White
- 239078 Semi-Gloss Black

PRODUCT APPLICATION

SURFACE PREPARATION

ALL SURFACES: Remove all dirt, grease, oil, salt and chemical contaminants by washing the surface with a commercial detergent or other suitable cleaning method. Rinse thoroughly with fresh water and allow to fully dry. All surfaces must be dry at time of application.

STEEL: Scrape and wire brush or power tool clean to remove loose rust, scale and deteriorated previous coatings. Use 7769 Rusty Primer for sound rusted or clean metal before application of a finish coat. 7780 White Clean Primer is best for clean metal but may be used on sound rusted metal as well.

PREVIOUSLY COATED: Previously coated surfaces must be sound and in good condition. Smooth, hard, or glossy finishes should be scarified by sanding to create a surface profile. The Professional Enamels are compatible with most coatings, but a test patch is suggested. **WARNING!** If you scrape, sand or remove old paint from any surface, you may release lead paint 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.** For additional information, contact the U.S. EPA/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 32-100°F (0-38°C) and surface temperature is at least 5°F (3°C) above the dew point. Stir thoroughly before using. Do not thin with gasoline, lacquer thinner or turpentine.



TECHNICAL DATA

PROFESSIONAL ENAMEL GALLONS

PRODUCT APPLICATION (cont.)

EQUIPMENT RECOMMENDATIONS

BRUSH: Use a good quality natural or polyester bristle brush.

ROLLER: Use a good quality natural or polyester cover. Use a short nap (1/4") roller for smooth surfaces, and a medium nap (3/8") roller for rough surfaces.

AIR-ATOMIZED SPRAY:

Method	Fluid Tip	Fluid Delivery	Atom. Pressure
Pressure	0.055-0.070	16 oz/min	25-60 psi
Siphon	0.055-0.070	—	25-60 psi

AIR-ATOMIZED SPRAY (HIGH GLOSS):

Pump Rat.	Fluid Press.	Fluid Tip	Filter Mesh
30:1	1,600-2,400 psi	0.013-0.017	100

AIRLESS SPRAY:

Pump Rat.	Fluid Press.	Fluid Tip	Filter Mesh
30:1	1,600-2,400 psi	0.013-0.019	60

THINNING

BRUSH/ROLLER: Normally not required.

AIR-ATOMIZED SPRAY: Acetone: Use up to 15% by volume.

AIRLESS SPRAY: Acetone: Normally not required. If needed use up to 5% by volume.

CLEAN-UP

Acetone or mineral spirits.

**TECHNICAL DATA****PROFESSIONAL ENAMEL GALLONS****PHYSICAL PROPERTIES**

		FINISHES
Resin Type		Oil Modified Alkyd
Solvents		Mineral Spirits
Volatile Organic Compounds		<450 g/l (3.75 lbs/gal)
Dry Times at 70°F (21°C) and 50% Relative Humidity	Tack-free	2-4 hours
	Handle	5-9 hours
	Recoat	24 hours (allow more time at cooler temperatures)
Dry Heat Resistance		212°F (100°C)
Shelf Life		5 years
Safety Information	Flash Point	104°F (40°C)
	Contains	Lead-free
	Warning!	For additional information, see MSDS.

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