

The right coating for ultimate protection.



## ENAMO GRIP 3700

### Application Instructions

(01/22/08)

*Enamo Grip 3700 is a two-part, aliphatic polyurethane enamel that forms a uniquely hard and durable coating film. This self-leveling coating is resistant to water, acids, solvent and impact. Enamo Grip 3700 is a one-coat system. Enamo Grip 3700 can be applied to metal, concrete, masonry and wood.*

#### SURFACE PREPARATION

##### As a topcoat:

- 1) Surface must be clean and free of oil, tar, grease and film.
- 2) Surface must be completely dry before applying.
- 3) Enamo Grip 3700 must be applied during the prescribed overcoat window of the coating to which it will be applied.
- 4) If applied over an existing coating and this coating is glossed, it must be sanded and roughed before application, no gloss.
- 5) Recoating within the initial 72-hour period should not require any surface preparation; however, once the initial 72-hour period has passed, the painted surface should be sanded to roughen the coating surface to provide a "tooth" that will aid in the adhesion of subsequent coats.

#### MIXING

- 1) Open pail, mix base with curing agent 4:1 ratio.
- 2) Mix by hand for two minutes.
- 3) If below 70 F. degrees, allow to stand for 30 minutes.
- 4) Begin application; however, do not apply in direct sunlight. During the summer months, apply the coating in the morning or after 4:00 p.m.

#### POT LIFE

Six to eight hours at 70 F. degrees; one hour at 90 F. degrees, once base and curing agent have been mixed.

#### TEMPERATURE

- 1) Apply between 40 F. and 120 F. degrees.
- 2) Store between 40 F. and 120 F. degrees according to hazmat standards indicated on MSDS.

#### APPLICATION

Enamo Grip 3700 can be applied by brush, roller or spray; however, the preferred method is by air or airless sprayer.

- 1) If application is by brush, use a soft bristle brush.
- 2) If application is by roller, use a 1/4 inch nap roller. Then use a brush any trapped air bubbles, if any.
- 3) If application is by spray, use a standard airless sprayer (2,800 psi or less) with a .011-.015 tip.

**NOTE:** The number of coats and the thickness of each will be in accordance with the job specifications.

#### MINIMUM SPREAD RATES (mil thickness)

Porous Surfaces – Use primer of Rust Grip® or Enamo Grip @ 200 sq ft/gallon (8 mils/3.67 mils dry or 200 microns wet/97 dry); overcoat with Enamo Grip3700 @ 150 sq. ft. per gallon (18 sq. mtr./gallon) at 12 mils wet/5 mils dry.

Non-Porous Surfaces – Apply at 150 sq ft per gallon at 12 mils wet/5 mils dry.

#### CURE TIME

- 1) Thirty minutes to touch at 70 F. degrees, handle at 3 hours.
- 2) Overcoating window is three hours at 70 F. degrees or longer.
- 3) Fully cures in ten days.
- 4) If temperature is over 90 F. degrees, cure time and pot life is shortened to 1 hour.
- 5) Can be baked for 20 minutes @ 185 F. degrees.

#### CLEAN-UP EQUIPMENT

- 1) During breaks, spray system should be flushed with solvent.
- 2) After completion, spray systems should be flushed and cleaned with MEK or other comparable solvents.
- 3) After completion, brushes and rollers should be cleaned with MEK or other comparable solvents, stored and reused.