



ENAMO GRIP SAS

Technical Data Sheet (5/16/14)

DESCRIPTION

ENAMO GRIP SAS is a two-part aliphatic polyurethane enamel, based on the same chemistry as the base formula of ENAMO GRIP, yet designed using a proprietary system to give the slick surface for resisting attachment of damp chemical compounds inside industrial tubes or resisting barnacle and algae attachment on boat hulls. ENAMO GRIP SAS will self-level to an even and smooth finish. It is tough enough to withstand the abrasion of wind or water movements.

TYPICAL USES

- For architectural and maintenance solutions that require the utmost in exterior durability and low dirt retention;
- As a topcoat for RUST GRIP® and MOIST METAL GRIP;
- For anti-graffiti protection;
- Inside exit tubes in industrial plants to resist accumulation or build-up;
- Exterior of boat hulls to resist barnacle and algae attachment;
- When a slick finish is needed, but toughness is required.
- ABS tested and approved for marine use, to block barnacles, seaweed, and algae attachment.

APPLICATION METHODS

ENAMO GRIP SAS can be applied to metal, concrete, masonry, wood and other porous surfaces. The application can be by brush, roller, or airless sprayer. For specific instructions on surface preparation, mixing and application, please refer to the SPI's application instructions for ENAMO GRIP SAS.

NOTE: This product must not be applied over chlorinated rubber or surfaces where chlorinated rubber has been.

NOTE: Never use mineral spirits to prep surfaces or to thin this product.

NOTE: After dried, another coating or itself cannot be applied.

MINIMUM SPREAD RATE (mil thickness)

Porous Surfaces – Apply 1 application of RUST GRIP® or ENAMO GRIP SAS @ 160 sq ft/gallon (15.5 sq mtr/gallon); 10 mils wet / 3.8-5.0 mils dry (95 microns wet / 125 dry) to absorb into substrate. Apply 2 additional coats of ENAMO GRIP SAS @ 265 sq ft/gallon; 6 mils wet / 2.28 mils dry, each application.

Non-Porous Surfaces – First apply RUST GRIP® as a primer and standard version of Enamo Grip in color desired; then apply 2 coats of ENAMO GRIP SAS @ 265 sq ft/gal. (25 sq mtr/gal.); 6 mils wet / 2.28 mils dry, (150 microns wet / 57 microns) each application.

Clear Coat Only – Apply 2-3 applications of ENAMO GRIP SAS @ 265 sq. ft. per gallon (25 sq. mtr./gallon) ; 6 mils wet / 2.28 mils dry (150 microns wet / 57 dry), each application.

PHYSICAL DATA

- ◆ Reacted Solids: By weight: 53% / By volume: 38%
- ◆ 30-60 minutes to tack free at 70°F (21°C)
- ◆ Overcoat window is three hours or less at 70°F (21°C)
- ◆ Lead-free / Chromate-free
- ◆ Cures by chemical reaction
- ◆ Reacted Weight: 8.31 lbs/gal.
- ◆ Aliphatic Polyurethane
- ◆ Shelf Life: Up to 3 years (unopened) under appropriate storage conditions (See MSDS)
- ◆ Reactive VOC - Clear: 4.51 lbs/gal
- ◆ Mix Ratio: 3 parts base to 1 part curing agent by volume
- ◆ Pot-Life: 4-6 hours @ 70°F (21C), 1 hour at 90°F (32°C)
- ◆ Maximum Surface Temperature when applying: 150°F (65°C)
- ◆ Minimum Surface Temperature when applying: 40°F (5C)
- ◆ Maximum Surface Temperature after curing: 300°F (149°C)
- ◆ In hot (90°F) temperatures and 85% humidity climates, cut the ENAMO GRIP SAS 4-gallon kit with one quart of MAK solvent (Methyl n-Amyl Ketone) to slow down the flash off and skinning of the surface film.
- ◆ Impact Resistance: Front--160psi, back--100psi.

SAFETY PRECAUTIONS

Do not use this product without first taking all appropriate safety measures to prevent property damage and injuries. These measures may include without limitation: proper ventilation, use of proper lamps, wearing of protective clothing and masks, tenting, and proper separation of application areas. This coating is flammable. Keep away from flame, fire, or other sources of ignition. For more specific safety procedures, please refer to the ENAMO GRIP SAS Material Safety Data Sheet. **KEEP OUT OF THE REACH OF CHILDREN.**

LIMITATION OF LIABILITY: The information contained in this data sheet is based upon tests that we believe to be accurate and is intended for guidance only. All recommendations or suggestions relating to the use of the products made by SPI, whether in technical documentation, or in response to a specific enquiry, or otherwise, are based on data which to the best of our knowledge is reliable. The products and information are designed for users having the requisite knowledge and industrial skills, and the end-user has the responsibility to determine the suitability of the product for its intended use.

SPI has no control over either the quality of condition of the substrate, or the many factors affecting the use and application of the product. Therefore, SPI does not accept any liability arising from loss, injury, or damage resulting from such use or the contents of this data sheet (unless there are written agreements stating otherwise).

The information contained in this data sheet is subject to modification as a result of practical experience and continuous product development. This data sheet replaces and annuls all previous issues and the user has the responsibility to ensure that this sheet is current prior to using the product.