



Rhinogrip[®] Etch Primer

Adhesion-promoting primer

0700 - line

Description

- Single-pack epoxy-modified etch primer

Properties

- Excellent adhesion to most ferrous and non-ferrous metals
- Intermediate coating to provide adhesion for topcoats over difficult substrates
- Simple single-pack formula

Typical Applications

- Provides adhesion to galvanized steel, aluminium and Zinalume[®]
- Maximises adhesion to steel fabrications

General Data

- Weather resistance At 15 - 20 microns dry film build, not suitable for outdoor exposure without topcoating
At 30-35 microns dry film build, this product can serve as a one coat finish under mild exposure conditions (equivalent wet film build 175-200 microns)
- Solvent resistance Resists splashes of hydrocarbon solvents; not recommended for continuous immersion
- Chemical resistance Poor
- Abrasion resistance Fair
- Suitable topcoats Rapid Enamel, Purlenamel, Implement Enamel, Auto Enamel
May be used under 2K polyurethanes (refer to Rhinothane[®] PDS)

Specifications (at 25°C and 50% relative humidity)

- Resin type.....Epoxy-modified Polyvinyl Butyral
- Solids content.....17% (by volume)
- Typical film thickness (per coat).....15 microns (dry)
90 microns (wet)
- Theoretical coverage.....10-13m² / L @ 15 microns dry film thickness
- Touch dry.....5 - 10 minutes
- Hard dry.....45 minutes
- Recoating.....after 1 hour and before 24 hours
- Gloss.....Matt
- Colours.....Grey, Black, White
- Shelf life.....minimum 12 months (in cool, dry conditions)

Surface Preparation

- Bare steel surfaces should have rust and scale removed by abrasive blasting (to AS 1627.4 Class 2½) or mechanical abrasion
- Wipe with clean solvent and rags to remove grease and any other residues

Mixing recommendation

- Mix the entire contents of the can before decanting
- Stir thoroughly with a broad paddle or mechanical mixer to ensure even consistency of the product
- Thin up to 50% by volume with Wagon Paints' T9 Universal Thinner (see Application below) and stir as above

Rhinogrip[®] Etch Primer

Application

- May be spray applied using airless or conventional air spray equipment
- Suits application by dip tank

- **Airless Spray** nozzle size.....0.33 – 0.38 mm
nozzle pressure.....2000 – 2500 psi (14 - 17mPa)
volume of thinner.....5 - 15%
- **Air Spray** nozzle size.....1.6 – 2.0 mm
nozzle pressure..... 45 – 60 psi (300 - 400kPa)
volume of thinner..... 20 – 50%

- **Cleaning solvent**T8 Thinner

Safety precautions

- **Refer to the relevant Material Safety Data Sheet**
- Contents are flammable – keep away from all ignition sources
- Avoid contact with skin and eyes – when mixing, wear gloves and goggles
- When spraying, ensure adequate ventilation and wear appropriate protective clothing and equipment

Packaging Group III **UN No. 1263**

Pack sizes 1 litre, 4 litre, 20 litre

Authorised: A. De Mello, Sales Manager

June 2008

These technical data and recommendations are based on tests and information believed to be accurate at the time of printing. They should not be construed as containing any warranty, either expressed or implied. Users should conduct their own tests to determine final suitability of this product.



Wagon Paints

5 Stephenson Road, Bayswater North, Victoria 3153 Australia
Phone: 61 3 97291344 Fax: 61 3 97202179 Email: sales@wagonpaints.com.au