



SUPER ETCH[®] PRIMER-HIGH SOLIDS TM1.51

DESCRIPTION

- a premium quality, single-pack, high solids epoxy etch primer

PRINCIPAL CHARACTERISTICS

- excellent adhesion to ferrous metals and aluminium.
- excellent anti-corrosive properties
- may be overcoated with iso-free coatings such as Paracryl IF540. All other topcoats should be tested before use.
- Super Etch Primer shall be overcoated within three months of application

Note: We advise that you test this product to determine if it is suitable for your particular use.

COLOURS AND GLOSS

- grey

BASIC DATA AT 25°C and 50% RELATIVE HUMIDITY

- vehicle type.....epoxy resin modified
- typical film thickness (per coat) 20 microns (dry)
100 microns (wet)
- solids contentapprox. 20% by volume
- theoretical spreading rate9.5m²/L for 20 microns (dry)
- touch dry5 minutes
- dry to handle20 minutes
- hard dry1 hour
- recoat timeminimum 1 hour,
.....maximum 3 months
 - ensure surface is clean, dry and free from dust, oil and grease

RECOMMENDED SUBSTRATE CONDITIONS AND TEMPERATURE

- best coating performance will be obtained with the highest degree of surface preparation
- degrease thoroughly to remove all oil, grease and other surface contaminants
- mild steel; remove all rust and any loose material by wire brush or mechanical sander
- non-ferrous metals, stainless steel, galvanised iron, ZINCALUME[®], COLORBOND[®]; should be tested before use to determine if it is suitable.
- suitable previous coat; mechanically sand with P220-240 grit sandpaper
- substrate temperature shall be at least 3°C above dew point
- relative humidity shall not exceed 85%

APPLICATION INSTRUCTIONS

- stir thoroughly with a flat-bladed or mechanical stirrer before, and during use
- paint temperature must be above 15°C, otherwise extra thinner may be required to obtain application viscosity
- too much thinner will result in low sag resistance and slower cure
- apply one double-coat by conventional spray for priming, or a light single coat for etching purposes. May be applied unthinned, by brush to small areas
- adequate ventilation must be continuously maintained during application and curing
- for recommendations outside those contained in this data sheet, refer to Valspar

APPLICATION METHODS

- AIR SPRAY
 - recommended thinner Thinner L780
 - volume of thinner 10-30%
 - nozzle orifice 1.4 - 1.8 mm
 - nozzle pressure 350 - 450 kPa
(50-60 psi)
- CLEANING SOLVENT Thinner L780

SAFETY PRECAUTIONS

- flammable. Avoid contact with heat and naked flame
- avoid contact with skin and eyes
- use gloves, mask and goggles during application
- provide adequate ventilation when using in confined spaces
- this product is intended for use in industrial situations by professional applicators in accordance with the advice given on this sheet. All work involving the use and application of this product shall be carried out in compliance with all relevant Health, Safety & Environmental standards and regulations and must not be used without reference to the Material Safety Data Sheet (MSDS)

STORAGE & PACKAGING

- shelf life (cool, dry place) at least 12 months in unopened container