

Super Etch

Page 1 of 2
Resource Code: 1239-line
September 2003

DESCRIPTION

- a single-pack epoxy etch primer

PRINCIPAL CHARACTERISTICS

- excellent adhesion to all common metals. Excellent anti-corrosion and mar-resistant qualities. May be overcoated with most finish types, e.g. enamels, lacquers, chlorinated rubbers, epoxies, polyurethanes and epoxy-enamels. Industrial Etch Primer should be overcoated within three months of application
- high performance key coating, specifically designed for direct application over mild steel, zincanneal, chrome, brass, copper, lead and lead alloys, stainless steel, aluminium and galvanised iron. May be used as a primer or, when applied in mist coats, as a conventional etch medium. Adhesion to most automotive plastics is generally good, but should be cross-checked

note: we advise that you test this product to determine if it is suitable for your particular use

COLOUR AND GLOSS

- black, grey

BASIC DATA AT 25°C and 50% RELATIVE HUMIDITY

- vehicle type..... epoxy resin modified
- gloss level..... satin
- practical spreading rate..... approximately 5m²/L at the recommended dry film thickness
- touch dry..... 5 minutes
- dry to handle..... 20 minutes
- re-coat..... after 1 hour, should be overcoated within three months of application – ensure surface is clean, dry and free from dust, oil and grease
- pot life..... not applicable
- viscosity..... 30-35 seconds in BS4 cup
- volume solids..... 10 ± 2% approx
- abrasion resistance..... excellent
- chemical resistance..... good
- solvent resistance..... fair
- heat resistance..... good
- weather resistance..... excellent when top-coated
- clean-up..... clean all equipment using Wattyl Industrial Universal Thinner
- shelf life..... at least 12 months in unopened container

SURFACE PREPARATION

- all loose material should be removed by wire brush or mechanical sander
- degrease thoroughly

INSTRUCTIONS FOR USE

- agitate thoroughly with a flat-bladed stirrer before and during use
- may be thinned 10% - 15% with Wattyl Industrial Universal Thinner
- 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
- film thickness : approximately 20 microns dry film thickness (dtf)

SAFETY PRECAUTIONS

- provide adequate ventilation during use
- apply in approved spray booth and ensure compliance with all relevant legislation
- avoid breathing vapours, or contact with eyes or skin
- keep away from children
- if poisoning occurs, or if breathing difficulty persists or occurs, consult a doctor and have label information available
- if skin contact occurs, remove contamination and wash skin thoroughly with soap and water
- for further information, refer to the Watty Material Safety Data Sheet (MSDS) for the product before use

DANGEROUS GOODS INFORMATION

Packing Group	UN No	Haz Chem Code	Precautions
II	1263	3 [Y] E	Highly flammable

PACKAGING: 4 Litres; 20 Litres**1. This information is provided with respect to the listed Watty products. Watty recommends that:**

- (a) you review the Technical Data Sheets (TDS) and Material Safety Data Sheets (MSDS) before you use or handle the product; (b) the product be used only in accordance with the information provided by Watty; (c) the product be transported, stored and handled in accordance with the information on the MSDS and relevant TDS; and (d) you thoroughly test the product, using the recommended application method on a sample of intended substrate, before using the product.
2. The information in this technical data sheet was prepared using information gathered during product development. While Watty endeavours to update this information and maintain the accuracy and currency of its contents, Watty cannot guarantee that the information provided is wholly comprehensive.
3. Watty recommends that you conduct such additional investigations as may be necessary to satisfy yourself of the accuracy, currency and comprehensiveness of the information on which you rely in using and handling the product. If you require further information please contact your nearest Watty Office.
4. To the full extent permitted by law, Watty's liability for breach of a condition or warranty implied into the contract for sale between Watty and you by law is limited at Watty's election to: (a) the replacement of the product; or (b) payment of the cost of replacing the product.