SUPER ETCH® PRIMER

TM1.50

Description

- A premium, single pack epoxy etch primer.
- May be used as a primer or as a conventional etch medium (when applied in mist coats).

Product Characteristics

- Excellent adhesion to all common metals.
- Excellent anti-corrosive properties.
- Can be overcoated with most common topcoats.

Colours and Gloss

- Black, white, grey and light grey– satin.

Recommended Film Thickness (Per Coat)

	Typical
Dry film thickness (µm)	20
Wet film thickness (µm)	200
Theoretical spreading rate (m^2/l)	5

Basic Data at 25°C

Solids content approx.	10% by volume
Touch dry after	5 minutes
Dry to handle	20 minutes
Hard dry	1 hour
Minimum recoat time	1 hour
Maximum recoat time	3 months

Surface Preparation

- All surfaces to be coated must be clean, dry and free from dust, oil and grease.
- Substrate temperature should be at least 3°C above dew point.
- Relative humidity should not exceed 85% during application and before the dry to handle time.

MILD STEEL

- Remove all rust and any loose material by wire brush or mechanical sander.

NON FERROUS METALS, STAINLESS STEEL, GALVANISED IRON, ZINCALUME®, COLORBOND®:

- Abrade using Scotch-Brite® pad or wet and dry sandpaper.
- Do not use steel wool.

PREVIOUS SUITABLE COAT

- Mechanically sand with P220-240 grit sandpaper.

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.
- Product may be applied by brush to small areas.

Application Methods

	AIRLESS SPRAY	AIR SPRAY	BRUSH/ ROLLER
Recommended thinner	Thinner L780	Thinner L780	Thinner L780
Volume of thinner	0-10%	10-30%	0-3%
Tip	0.28mm (0.011 inch)	1.4-1.8mm (0.055-0.070 inch)	-
Fluid/ Atomised pressure	12 MPa (1700 psi)	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 should be carried out in compliance with all relevant Health, Safety & Environmental standards and regulations and must not be used without reference to the safety data sheet (SDS).

Precautions

- Adhesions to most automotive plastics is generally good, but should be cross-checked.
- Please test this product to determine if it is suitable for the required end-use
- For recommendations outside those contained in this data sheet, refer to Wattyl.

SUPER ETCH® PRIMER

TM1.50

Product Compatibility

PRIMERS – N/A

TOPCOATS

- All Purpose Enamel
- Agricultural Enamel
- Duranamel BR22
- Poly U400 (colours)
- Paracryl IF540 (colours)
- Colourthane C-Series (colours)

Storage and Packaging

- Shelf life at least 12 months in an unopened container
- All components shall be stored in a dry internal environment at between 5°C and 35°C.
- Packaging: 4 litre and 20 litre kit
- Also available in 400g Spraymate aerosol (grey and black)
- Product line: 1239

For the most up to date information, please visit our website at www.wattylpc.com.au, or contact us at Australia 132 101 (Australia) 0800 825 7727 (New Zealand).

ZINCALUME and COLORBOND are registered trademarks of Bluescope Steel Limited. Scotch-Brite is a registered trademark of 3M Company. All other Trademarks are the property of Hempel (Wattyl) Australia Pty Ltd.

1. This information, provided by Hempel (Wattyl) Australia Pty Ltd is important to ensure that the listed product(s) perform according to the stated application and uses and must be followed to meet Wattyl's warranties express and implied. Wattyl advises that you (a) review the Product Data Sheets (PDS) and Safety Data Sheets (SDS) before you use or handle the product; (b) ensure that the product be used only in accordance with the information provided by Wattyl and the product(s) be transported, stored and handled in accordance with the information on the SDS and relevant PDS; and (c) thoroughly test the product, using the recommended application method on a sample of intended substrate, before using the product.
2. The information in this PDS was prepared using information gathered during product development. While Wattyl endeavours to update this information and maintain the accuracy and currency of its contents, Wattyl does not warrant that the information provided is current when the product is used or is wholly comprehensive.
3. For all product and non-product related information, Wattyl 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 Wattyl office before using the product(s).
4. To the full extent permitted by law, Wattyl's liability for breach of a condition or warranty implied into the contract for sale between Wattyl and you by law is limited at Wattyl's election to: (a) the replacement of the product; or (b) payment of the cost of replacing the product. If coating rectification is required Wattyl's Technical Services shall be contacted prior to commencement. Trademarks are the property of Hempel (Wattyl) Australia) Pty Ltd. (ABN 40 000 035 914)

Wattyl Protective Coatings is part of the Hempel Group, a world leading supplier of trusted coating solutions. Hempel is a global company with strong values, working with customers in the decorative, marine, infrastructure and energy industries. Our purpose is to shape a brighter future with sustainable coating solutions, and with more than 100 years of protecting some of our customer's most valuable assets, we aim to earn their trust every day. The Hempel Group is proudly owned by the Hempel Foundation.