



120PE Etch Primer Technical Data Sheet

Product Overview

120PE Etch Primer is an epoxy-modified, fast-drying etch primer designed to provide adhesion to suitably prepared ferrous and non-ferrous metal substrates.

Typical Applications

Metal fabrication, untreated or non-coated Aluminium, Galvanised metal, zincalume, stainless steel and various nonferrous alloys

Product Characteristics

- Product Type: Epoxy modified etch primer.
 - Finish: Matt
 - Application Method: Spray application recommended.
 - Colour: White, Black, Grey (colour matches available upon request)
 - Can be used on properly prepared mild steel, galvanised steel, aluminium, zincalume, and selected alloys.
 - Can be recoated with most conventional single and two component water-based, and solvent based coatings: acrylics, enamels, NC lacquers, epoxies, and polyurethanes.
-

Key Performance Properties (indicative only)

- Touch dry: approximately 10–15 minutes at 25°C.
 - Recoat time: approximately 30 minutes.
 - VOC content: <700 g/L
 - Theoretical coverage: 10–15 m²/L
-

Key Limitations

- Not intended as a long-term exterior finish without top-coating.
 - Exterior exposure may result in chalking if left un-coated.
 - Performance is dependent on surface preparation quality.
 - Drying and recoating times are influenced by temperature, humidity, airflow, and applied film thickness. Cooler conditions or high humidity may affect drying times.
-

APPLICATION EQUIPMENT

Conventional spray equipment or HVLP spray equipment is recommended, brush may be used for small touchups only.

Ensure all surfaces are free of moisture or condensation, oil, grease, dust, silicone, and other contaminants prior to coating.

SURFACE PREPARATION

MILD STEEL

- Ensure surface is free from dirt and grease or metal scale. Round off all welds and sharp edges. Grind off any weld spatter and remove grease, oil, and other contaminants in accordance with AS1627.1.
- Prepare metal surface by mechanical sanding or abrasive blast clean to a minimum of AS1627.4 Class 2.5 with a blast profile of 40 – 70 microns.
- Remove all dust or contaminants by cleaning with brush or broom. Ensure surface is free from moisture, dirt, grease, or metal scale. Wipe surface down with Intec **Wax and Grease Remover**. (Discard used wiping rags in bucket of water)

APPLICATION

1. Apply thin coat of 120PE Etch primer, approximately 15-20 microns dry film thickness and allow 30 min drying.
 2. Topcoat with coating of choice.
-

SURFACE PREPARATION

GALVANISED METAL, ALUMINIUM, NON-FERROUS

- Do not abrade or blast off oxidized coating from surface. Remove surface contaminants by scrubbing with a stiff brush or broom.
- Wipe surface down with Intec **Wax and Grease Remover**. (Discard used wiping rags in bucket of water)

APPLICATION

1. Apply thin coat of 120PE Etch primer, approximately 15-20 microns dry film thickness and allow 30 min drying.
2. Topcoat with coating of choice

STORAGE AND HANDLING

Store in original, sealed containers in a cool, dry, well-ventilated area away from sources of ignition. Stir thoroughly before use.

SAFETY INFORMATION

Always refer to the current Safety Data Sheet (SDS) before handling or applying this product. Appropriate personal protective equipment must be used during application.

IMPORTANT NOTICE

The information, recommendations, and advice contained in this Technical Data Sheet are provided in good faith and are based on Intec Coatings' current knowledge and experience at the time of publication. While the information is believed to be accurate, no warranty, express or implied, is given as to its accuracy, completeness, or suitability for any particular purpose. As Intec Coatings has no control over surface preparation, substrate condition, application methods, site conditions, or materials used, no responsibility can be accepted for product performance or failure arising from factors beyond its control or from use outside the recommended guidelines. It is the responsibility of the user to determine the suitability of the product for the intended application and to carry out appropriate testing prior to full application. Product information is subject to change without notice. Nothing in this disclaimer excludes, restricts, or modifies any rights, guarantees, or remedies conferred under Australian Consumer Law or other applicable Commonwealth, State, or Territory legislation.

Intec Coatings Pty Ltd

Email: sales@inteccoatings.com.au

Phone: (03) 9357 9510