

## SELECTION & SPECIFICATION DATA

|                                  |   |
|----------------------------------|---|
| <b>Generic Type</b>              | Modified epoxy etch   |
| <b>Description</b>               | Single pack, rapid dry, versatile etch primer suited to many light industrial applications. Can be topcoated with Multi-Gard GP 14 <sup>AU</sup> & GP 48 <sup>AU</sup>  |
| <b>Features</b>                  | <ul style="list-style-type: none"> <li>• Excellent adhesion to most common metals</li> <li>• Good abrasion resistance</li> <li>• Compatible with a variety of topcoats</li> <li>• Conforms to AS 3884 Type 1 and AS3750.17 Type 1</li> <li>• Suitable as a prefabrication holding primer</li> </ul> |
| <b>Colour</b>                    | White, Grey, and Black  |
| <b>Finish</b>                    | Satin   |
| <b>Dry Film Thickness</b>        | 15-20 microns   |
| <b>Solids Content</b>            | By volume 10%   |
| <b>Theoretical Coverage Rate</b> | 5 m <sup>2</sup> /L at 20 microns<br>Allow for loss in mixing and application.  |
| <b>VOC Values</b>                | <b>As Supplied</b> : 735 g/L<br>May vary slightly from colour   |
| <b>Dry Temp. Resistance</b>      | 100°C   |
| <b>Topcoats</b>                  | Alkyd, chlorinated rubber, vinyl acrylic, epoxy, and polyurethane   |
| <b>Limitations</b>               | <ul style="list-style-type: none"> <li>• Not designed to give long term exterior protection without overcoating</li> <li>• Not normally used in an immersed environment</li> </ul>  |

## SUBSTRATES & SURFACE PREPARATION

|                         |   |
|-------------------------|---|
| <b>General</b>          | All surfaces to be coated should be clean, dry and free from contamination. Oil or grease should be removed in accordance with AS1627.1 (SSPC-SP 1) solvent cleaning.                       |
| <b>Steel</b>            | <u>Minimum</u> : Thorough power or hand tool cleaning to AS 1627.2 St 3 or St 2.<br><u>Optimum</u> : AS 1627.4 Sa 2 (SSPC-SP 6) with a 35-50 micron surface profile for maximum protection. |
| <b>Galvanised Steel</b> | Sweep abrasive blast to SSPC-SP 16 using non-metallic media to achieve a uniform surface profile of between 20 and 50 microns.  |
| <b>Aluminium</b>        | Sweep abrasive blast to SSPC-SP 16 or mechanically abrade using non-metallic abrasives to achieve a uniform surface profile of between 20 and 50 microns.                                   |

## MIXING & THINNING

|                 |  |
|-----------------|--|
| <b>Mixing</b>   | Stir thoroughly to ensure a homogeneous condition.   |
| <b>Thinning</b> | Thin up to 10% with Thinning Solvent #155.<br>Use of thinners other than those supplied or recommended by Altex Coatings may adversely affect product performance and void product warranty, whether expressed or implied. |
| <b>Ratio</b>    | N/A – single component coating   |

**MIXING & THINNING**

Pot Life | N/A

**APPLICATION EQUIPMENT GUIDELINES**

Listed below are general equipment guidelines for the application of this product. Job site conditions may require modifications to these guidelines to achieve the desired results.

**Spray Application (General)** | The preferred method of application is spray.

**Conventional Spray** | Pressure pot equipped with dual regulators, 3/8" I.D. minimum material hose, 1.0mm to 1.4mm fluid tip and appropriate air cap.

**Airless Spray** | Not recommended

**Brush & Roller (General)** | Touch-up and small areas only if conditions are suitable, however care must be taken to ensure the correct film build is applied.

**APPLICATION CONDITIONS**

| Condition | Material | Surface | Ambient | Humidity |
|-----------|----------|---------|---------|----------|
| Minimum   | 7°C      | 2°C     | 2°C     | 0%       |
| Maximum   | 32°C     | 37°C    | 35°C    | 85%      |
| Optimum   | 16-24°C  | 16-24°C | 16-24°C | 30-70%   |

Industry standards are for substrate temperatures to be above the dew point.

**CURING SCHEDULE**

| Surface Temp. | Dry to Handle | Dry to Recoat | Dry to Topcoat with Others | Dry to Touch |
|---------------|---------------|---------------|----------------------------|--------------|
| 7°C           | 45 Minutes    | 4 Hours       | 12 Hours                   | 15 Minutes   |
| 15°C          | 25 Minutes    | 1½ Hours      | 6 Hours                    | 10 Minutes   |
| 24°C          | 15 Minutes    | 1 Hour        | 4 Hours                    | 5 Minutes    |
| 32°C          | 10 Minutes    | 45 Minutes    | 2 Hours                    | 5 Minutes    |

These times are based on a 20 micron dry film thickness. Higher film thickness, insufficient ventilation, or cooler temperatures will require longer cure times and could result in solvent entrapment and premature failure.

**CLEANUP & SAFETY**

**Cleanup** | Use Altex Thinning Solvent #2 or Acetone.

**Safety** | For industrial use only: Read and follow all the caution statements on this Product Data Sheet, the product label, and the Safety Data Sheet (SDS) for health and safety information prior to use.

**Ventilation** | It is very important for the safety of the applicator and the proper performance of this product that good ventilation be provided to all portions of the enclosed area. It is equally important to bring into the enclosed area dry fresh air to remove all solvent vapours. Since solvent vapours are heavier than air, ventilation ducts should reach to the lowest portions of the enclosed areas as well as into any structural pockets. Ventilation should be provided throughout the cure period to ensure all the solvents are removed from the coating.

## PACKAGING, HANDLING & STORAGE

|   |  |
|---|--|
| <b>Shelf Life</b>                         | 12 months at 24°C<br>Actual stated shelf life when kept at recommended storage conditions and in original unopened containers                                  |
| <b>Shipping Weight (Approximate)</b>      | 0.97 kg per litre<br>4L – 3.88 kg<br>10L – 9.7 kg  |
| <b>Storage Temperature &amp; Humidity</b> | Optimum: 15-20°C   |
| <b>Flash Point (Setaflash)</b>            | 12°C   |
| <b>Storage</b>                            | Store under cool, dry conditions.<br>Avoid large fluctuations between high and low temperatures.<br>Avoid the formation of condensate due to low temperatures. |

## WARRANTY

### DISCLAIMER

The information in this datasheet is provided as a guide only and is provided without warranty, implied or otherwise. It is your responsibility to determine the suitability of any information or product for the use contemplated. Conditions of use, application and the substrate are beyond our control so no liability whatsoever (whether as to coverage, performance, injury or otherwise) is accepted for the information contained herein.

Data sheets may change from time to time and it is your responsibility to ensure you have the latest product datasheet and material safety data sheet from your supplier. Check the data sheet date with the listings at [www.altexcoatings.com](http://www.altexcoatings.com)  
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