CORROCOTE 3 - METAL ETCH PRIMER

PRODUCT USES
An excellent "travel" primer, being both quick drying and abrasion resistant.
Provides excellent adhesion and a good base for top coating.

FEATURES AND BENEFITS
Best available primer for galvanised iron surfaces, with excellent adhesion properties.
An excellent anti-corrosive primer for use over abrasive blast-cleaned steel (cleanliness standard Sa2 1/2).
Can be over coated with most commercially used paints, both solvent and water-based.
Water-based
Non-toxic and non-flammable
Quick drying
Low odour
Low VOC

PRODUCT INFORMATION

<table>
<thead>
<tr>
<th>Colour</th>
<th>Red Oxide</th>
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<tbody>
<tr>
<td>Density at 23°C</td>
<td>Approx. : 1.35 kg/L</td>
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<tr>
<td>Solids Content</td>
<td>By weight : Approx. 51%</td>
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<tr>
<td></td>
<td>By volume : Approx. 39%</td>
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<tr>
<td>Packaged Viscosity</td>
<td>Viscosity at 23°C : Approx 80 KU</td>
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<tr>
<td>Spreading Rate</td>
<td>Approx. 6.5m² per litre on blasted surfaces.</td>
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<td></td>
<td>Spreading rate depends on surface porosity, profile and application method</td>
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<td>Recommended DFT per coat</td>
<td>Min. 25µm. Max. 35µm.</td>
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<tr>
<td>VOC Level</td>
<td>26g/L - complies with Green Building Council SA</td>
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</tbody>
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APPLICATION INFORMATION

| Application conditions | Surface Temperature between 10 - 35°C |
|                       | Relative Humidity between 10 - 85 % |
|                       | Thinning not recommended |
|                       | Ready for use after thorough stirring |
| Drying Time           | Touch dry 1 hour |
|                       | (Drying times will be extended during cold, wet or humid conditions) |
| Recoating Time        | Allow for dry for 4 hours for water-based top coats, and 24 hours for solvent-based top coats |
| Cleaning of equipment | Clean immediately with water |
| Substrates            | Suitable for clean galvanised iron, abrasive blast cleaned steel and non-ferrous metals |
**APPLICATION INFORMATION**

**Precautions**
- Ensure that surfaces are sound and free from dust, dirt, grease and oil. Surfaces must be thoroughly dry.
- Do not apply during cold (below 10°C) or wet weather.
- Not suitable for direct application to powdery or friable surfaces whether previously painted or not.
- Do not apply during cold (below 10°C) or wet weather.
- Do not apply over rusty unprepared metal surfaces.
- Quick drying - avoid application to very hot surfaces.

**Application Methods**
- Airless spray. Thin up to 5% by volume with potable water in hot windy weather, otherwise use as supplied. Use a 0.32mm orifice with angle to suit the work piece.
- Air (conventional) spray. Thin up to 10% by volume with potable water.
- Brush and Roller. May be used for general purpose and non-critical work but because of brush marks and lean spots in the dimples this method should not be used for critical environments, unless two coats are applied.

**Top Coating**
- Can be over coated with most commercially used paints, both solvent- and water-based.

**SURFACE PREPARATION**

**Steel**
- Abrasive blast clean to Sa2½. Wet grit blasting may be used but should be followed by a light dry blast unless an inhibitor is added to the water.

**Galvanising**
- Steel sheet and Strip: Bristle scrub with Dulux Cleaner for Galvanised Iron and wash off all residues. A water-break free surface indicates thorough cleaning - running water should not form droplets.

**Other surfaces, e.g. Jobbing**
- Passivated - Bristle scrub with 5% solution of Ammonia, Acetic acid or Sodium Hydroxide followed by detergent complying with SANS 1341. Wash off all residues.
- Non- Passivated - Scrub with detergent complying with SANS 1341. Wash off all residues.
- Degrease and remove all loose material.

**HEALTH AND SAFETY INFORMATION**

For detailed safety information refer to Material Safety Data Sheet.
- Keep out of reach of children.
- Ensure good ventilation during application and drying.
- Toxic fumes if welded - wear positive pressure air-fed masks for welding.
- Not a fire hazard, but must be stored above 5°C.
- Water-based material – not normally flammable.

**ADDITIONAL INFORMATION**

**Storage Conditions**
- Store under cool dry conditions.

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