

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

Colour	Red Oxide
Density at 23°C	Approx. : 1.35 kg/L
Solids Content	By weight : Approx. 51% By volume : Approx. 39%
Packaged Viscosity	Viscosity at 23°C : Approx 80 KU
Spreading Rate	Approx. 6.5m ² per litre on blasted surfaces. Spreading rate depends on surface porosity, profile and application method
Recommended DFT per coat	Min. 25µm. Max. 35µm.
VOC Level	26g/L - complies with Green Building Council SA



APPLICATION INFORMATION

Application conditions	Surface Temperature between 10 - 35°C Relative Humidity between 10 - 85 %
Thinner	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

Water-based
primer for
galvanised iron
and mild steel





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 Sa2^{1/2}. 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.