

## WATER BASED METAL PRIMER

**A water-based high performance acrylic metal primer for interior and exterior use over new pre-treated, weathered galvanised metal surfaces and correctly prepared ferrous and non-ferrous metals.**

### AVAILABILITY

Colour Range Buff.

Packaging 5 litre.

### PROPERTIES

Drying Time Under normal drying conditions touch dry in 1 hour and recoatable after 4 hours. Allow for adequate ventilation during the drying period.

Finish Matt.

Composition Pigment: Titanium Dioxide. Extenders and active pigments  
Binder: Acrylic polymer.  
Solvent: Water.

Spreading Rate 14m<sup>2</sup> per litre on smooth surfaces.

Wet Film Thickness 71 micrometres at 14m<sup>2</sup> per litre

Dry Film Thickness 29 micrometres at 14m<sup>2</sup> per litre.

Volume Solids 40%.

Flash Point Not applicable.

VOC Content EU limit value for this product (cat.A/i): 140 g/l (2010). This product contains max. 48 g/l VOC.

Limitations Do not apply if temperatures are likely to fall below 8°C or when the relative humidity is above 80% during application or the drying period.

### PREPARATION

#### New Surfaces

#### **All Metals Including Galvanised**

Surfaces must be clean and free from anything that will interfere with the materials to be applied. Wash with hot water and liquid detergent solution to remove oil, grease or any other contaminants, frequently changing the water. Rinse thoroughly with clean water. Allow to dry. Galvanised surfaces should be pre-treated with Crown Trade Protective Coatings T- Wash. Overall blackening of the surface will confirm satisfactory surface preparation.

#### Additional surface preparation – all metals

#### **Non-ferrous metals**

Lightly abrade to a bright (not polished) surface – excluding galvanised surfaces. Rinse thoroughly with clean water to remove all residues. Allow to dry.

#### **Ferrous Metals**

Remove all millscale and rust back to clean metal. Remove all residues. Prime within the working day with one coat of Crown Trade Water Based Metal Primer.

#### Previously decorated surfaces

All surfaces must be suitably dry, and free from anything that will interfere with the adhesion of the materials to be applied. Remove all loose, and failing or suspect paint. Feather edges of sound paint. Remove all dust. Remove all rust. Spot prime non-ferrous metals including galvanised metal with one coat of Crown Trade Water Based Metal Primer. Wash remaining sound paint with hot water and liquid detergent solution to remove any contaminants, frequently changing the water. Wet abrade to provide a key. Rinse with clean water to remove all residues. Allow to dry. Bring forward spot primed areas as required by the paint system to be used.

**COATING SYSTEM**

Apply one or two coats as required before applying chosen finishing system.

**APPLICATION**

Stir well before use. Stir well before use. Apply by brush or spray to an even thickness (a good quality fine filament synthetic brush gives best results).

**CLEANING**

Return surplus material to container. Wash with clean water immediately after use.

**HEALTH AND SAFETY**

Please refer to the Safety, Health and Environmental Information on the container. Take special precautions during the surface preparation of pre 1960's painted surfaces as they may contain harmful lead. For further information contact the Crown Trade Customer Relations Team. When preparing all surfaces avoid the inhalation of dust and/or metal particles. Wear a suitable facemask. Material Safety Data Sheets for this and all other Crown Paints products are freely available from the place of purchase or the address below. Store in secure dry conditions inaccessible to children or animals. Containers should be kept closed during storage. Do not empty into drains, watercourses or access routes to septic tanks.

**GENERAL INFORMATION**

Apply all products in accordance with BS 6150: 2006 Code of practice for painting of buildings and BS 8000: Part 12: 1989 Code of practice for decorative wallcoverings and painting. Under normal and frost free conditions this product will remain usable for up to two years if stored correctly and unopened.

Every care is taken to ensure that all information provided on this Technical Data Sheet is accurate. Crown Paints is unable to guarantee results as it has no control over the conditions under which its products are applied.

Before using this product please ensure you have the latest information. For help or more information contact the Crown Trade Customer Relations Team on:

Tel: 0845 389 9583

Fax: 0845 389 9584

e-mail: [info@crowntrade.co.uk](mailto:info@crowntrade.co.uk)

website: [www.crowntrade.co.uk](http://www.crowntrade.co.uk)

This information is correct at date of issue October 2011.



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