

## WATER-BASED PRIMER UNDERCOAT

A water-based high performance acrylic primer/undercoat, for interior use over primed metal and as a primer undercoat over joinery and under Crown Trade Interior Acrylic Gloss..

### AVAILABILITY

Colour Range	Refer to current Crown Trade Literature.
Packaging	2.5 litre.

### PROPERTIES

Drying Time	Under normal drying conditions touch dry 1 hour and recoatable after 4 hours. Allow for adequate ventilation during the drying period.
Finish	Matt.
Composition	Pigment: Titanium Dioxide and extenders. Binder: Acrylic polymer. Solvent: Water.
Spreading Rate	Up to 14m <sup>2</sup> per litre depending on surface.
Wet Film Thickness	71 micrometres at 14m <sup>2</sup> per litre.
Dry Film Thickness	25 micrometres at 14m <sup>2</sup> per litre.
Volume Solids	25%
Flash Point	Not applicable.
VOC Content	EU limit value for this product (cat.A/d): 130 g/l (2010). This product contains max. 17 g/l VOC.
Limitations	For interior use only. Do not apply when air or substrate 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	<p><b>Timber</b></p> <p>All surfaces must be suitably dry, and free from anything that will interfere with the adhesion of the materials to be applied. Rub down with a suitable grade of abrasive paper. Remove all dust. Treat knots with two thin coats of fresh knotting. Fill any fixing holes, open joints and shallow surface defects with Sandtex Trade Ready Mixed Filler. Rub down with a suitable grade of abrasive paper. Remove all dust. Prior to priming the moisture content of the substrate should not exceed 18%</p> <p><b>All metals including galvanised</b></p> <p>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.</p>
	<p><b>Non-ferrous metals</b></p> <p>Lightly abrade to a bright (not polished) surface – excluding galvanised surfaces. Rinse thoroughly with clean water to remove all residues. Allow to dry. Prime with one coat of Crown Trade Water Based Metal Primer.</p> <p><b>Ferrous metals</b></p> <p>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.</p>
Additional surface preparation – all metals	

## Previously decorated surfaces

### **Timber**

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. Remove grey and denatured surfaces by rubbing down with abrasive paper. Feather edges of sound paint. Remove all dust. Organic growth must be removed and the areas treated with Crown Trade Fungicidal Solution. Treat knots with two thin coats of fresh knotting solution. Fill any fixing holes, open joints and shallow surface defects with Sandtex Trade Ready Mixed Filler. Rub down with a suitable grade of abrasive paper. Remove all dust. Spot prime all bare and filled areas with one coat of Crown Trade Water Based Primer Undercoat.

### **Metals**

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.

### **Timber and metals**

Wash remaining sound paint with hot water and liquid detergent solution to remove any contaminants, frequently changing the water. Any glossy or eggshell surfaces must be wet abraded to provide a key. Rinse with clean water to remove all residues. Allow to dry. Bring forward spot primed areas with one coat of Crown Trade Water Based Primer Undercoat.

## **COATING SYSTEM**

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

## **APPLICATION**

Stir well before use. Apply using a good quality fine filament synthetic brush or spray to an even thickness. On timber lay off in the direction of the grain.

## **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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