

## PROTECTIVE COATINGS HIGH PERFORMANCE GLOSS FOR METAL

**Crown Trade Protective Coatings High Performance Gloss for Metal protects against rust and offers a durable and long lasting finish for all metalwork, particularly structural steelwork, walkways, railings, gates and shutters. Systems are available to offer 10 and 15 year metal protection.**

### AVAILABILITY

Colour Range White, Black and a range of tintable colours.

Packaging 2.5 litre.

### PROPERTIES

Drying Time Under normal drying conditions touch dry 4-6 hours and recoatable after 16-24 hours. Allow for adequate ventilation during the drying period. Ensure previous coat is fully dry before application.

Finish Gloss.

Composition Pigment: Titanium Dioxide, Carbon Black.  
Binder: Alkyd resin  
Solvent: Dearomatised White Spirit.

Spreading Rate 12-15m<sup>2</sup> per litre on smooth surfaces. Do not over apply.

Wet Film Thickness 66 micrometres at 15m<sup>2</sup> per litre.

Dry Film Thickness 33 micrometres at 15m<sup>2</sup> per litre.

Volume Solids 50%

Flash Point 40°C (closed cup).

VOC Content EU limit value for this product (cat.A/i): 500 g/l (2010). This product contains max. 499 g/l VOC.

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

### PREPARATION

All unpainted metalwork 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 all bare metalwork within the working day.

Priming Prime all areas to be decorated within the working day, with one coat of Crown Trade Protective Coatings High Build Rust Inhibiting Metal Primer/Undercoat. The wet film thickness must not be less than 140 micrometres. Allow a minimum drying time of 6 hours in normal drying conditions.

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 all bare metalwork with Crown Trade Protective Coatings High Build Rust Inhibiting Metal

Primer/Undercoat. 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.

## COATING SYSTEM

Following surface preparation and priming, apply either:

### 10 year system

One full coat of Crown Trade Protective Coatings High Build Rust Inhibiting Metal Primer / Undercoat and finish with one or two coats of Crown Trade Protective Coatings High Performance Gloss for Metal as preferred

### 15 year system

One full coat of Crown Trade Protective Coatings High Build Rust Inhibiting Metal Primer Undercoat followed by one or two coats of Crown Trade High Build Micaceous Iron Oxide and finish with one or two coats of Crown Trade Protective Coatings High Performance Gloss for Metal as preferred.

**Note:** For optimum total dry film thickness an additional coat of primer is recommended over profiled surfaces (eg, blast cleaned or corroded). On arris edge detailing (sharp edges and bolt fixings etc) an additional (stripe) coat of Crown Trade Protective Coatings High Build Metal Primer/Undercoat or Micaceous Iron Oxide is also recommended.

## APPLICATION

Stir well before use. Apply by brush roller or spray

## CLEANING

Return surplus material to container. Clean with a proprietary cleaner 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 between 5°C and 40°C and 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: Code of practice for painting of buildings and BS 8000: Part 12: 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: 0330 0240297

Fax: 0330 0240278

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 June 2015.



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