

## PROTECTIVE COATINGS HIGH BUILD MICACEOUS IRON OXIDE

Crown Trade Protective Coatings High Build Micaceous Iron Oxide acts primarily as an intermediate coat on ferrous metal such as structural steelwork, fire escapes, railings and gates, protecting against rust and providing a perfect base for a gloss finish. It can also be applied as a finish in its own right where a protective coating is required and aesthetics are not important.

### AVAILABILITY

Colour Range Grey.

Packaging 2.5 litre.

### PROPERTIES

Drying Time Under normal drying conditions touch dry 4 hours and recoatable after 16 hours. Allow for adequate ventilation during the drying period.

Finish Matt.

Composition Pigment: Micaceous Iron Oxide, Zinc Phosphate, Aluminium and coloured extenders.  
Binder: Alkyd resin.  
Solvent: Dearomatised White Spirit.

Spreading Rate Up to 8m<sup>2</sup> per litre on smooth surfaces.

Wet Film Thickness 115 micrometres at 8m<sup>2</sup> per litre.

Dry Film Thickness 50 micrometres at 8m<sup>2</sup> per litre.

Volume Solids 44.29%

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 application or the 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.

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. 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 one or two full coats of Crown Trade Protective Coatings High Build Micaceous Iron Oxide. If required, finish with Crown Trade Protective Coatings High Build Gloss in chosen colour.

**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 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 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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