

Description

FERROZINC is a high-performance water-based rust converter making it ideal for application to areas unsuitable or difficult to shot blast or where complete removal of rust is not possible. For use on ferrous metals only. Not designed for use on non-ferrous metals (aluminium, copper, & stainless steel etc).

Features

Ferrozinc is simple and easy to use. Simply wire brush, scrape or mechanically remove loose surface rust, apply single coat of Ferrozinc. A dramatic colour change from white to navy/black will show that the rust has been effectively neutralised.

Ideal for structural steel, fences, iron railings, guttering, external ferrous metals, vehicle and machinery and marine situations due to application to damp surfaces that are difficult to completely dry e.g light condensation or surface moisture, not for application during wet weather.

- Easy to apply
- Excellent long term conversion properties.
- Compatible with most coating systems including water/oil based, chlorinated rubber and epoxy systems.
- Extended testing proving to outperform many other rust conversion products.

All HMG Paints products are manufactured in Manchester, UK under the auspices of an ISO 9001 management system and are Made in Britain accredited.



Substrates

HMG Ferrozinc is suitable for use on wire brushed or mechanically abraded ferrous metal surfaces which are free from heavy rust scale, grease and dirt. Not for use on non-ferrous metals (aluminium, copper, & stainless steel etc.)

Important Information Before Use

Read and follow SDS, TDS, and label instructions. Stir paint thoroughly before use. Always use the same batch number on the same job. Check colour and sheen, HMG will not accept any discrepancies arising after use. Filter the product immediately before use. If in doubt, contact HMG Technical Service Department on 0161 205 7631.

Application

Method

Brush

Surface Preparation

Ensure surfaces are clean, dry and free from grease, oils, dust and other contamination prior to application.

Thoroughly clean and degrease using suitable HMG Prep Clean 2801, 2802 or 2804. - Apply by cloth and quickly remove using clean lint free cloth. Repeat until surface is clean and free from all deposits (grease, oil, silicone). Replace cloths regularly to ensure that contamination is not re-applied to the surface.

Heavily rusted areas to scraped, wire brushed or mechanically prepared to remove all loose debris.

Failure to degrease areas to be treated could slow down or stop conversion process.

Please refer to our web site for:

Knowledge Base article Prep Cleaning Techniques (KNB0009).

Knowledge Base article Surface Preparation & Product Application (KNB0029).

Knowledge Base article Pictorial Surface Preparation Standards for Painting Steel Surfaces (KNB0026).

Application

Apply by brush to affected areas, applying light coat. Avoid overapplication and coating non rusted areas where possible. Excess to be removed using lint free cloth. Not for use on non-ferrous metals (aluminium, copper, & stainless steel etc.)

Application Climate

Substrate temperature should be 5°C or above for application and during cure, and a minimum of 3°C above the dew point. Adequate dry air ventilation should be supplied during drying.

Application Information

Application and use should always conform with the codes of practice described in BS 6150 and BS 5493.

Technical Information

Theoretical Coverage (approx) at 20 microns DFT	20m ² per Litre	Number of Coats (Guide Only)	1 Coat
Drying time at 20°C (May vary with film build and temperature)	Touch Dry – 20 – 30 mins Hard Dry – 1 Hours Full Dry – 2 – 3 Hours	Application	Brush
Suggested Primer	N/A	Spray Gun Setup	Compliant / Pressure Pot 1.1 – 1.4
Thinner	Water	Wet Film (WFT)	30 Microns
Flash Point	29°C	Dry Film (DFT)	20 Microns
Volume Solids	45%	Recoat / Overcoat	3 Hours
Maximum VOC (RFU)	30g/l	Available Pack Sizes	250ml, 1L & 5L

Health And Safety & Environmental

Refer to SDS and tin label prior to use. Suitable respiratory equipment should be worn when spraying. Contaminated rags, spray booth filters or other substrates should be segregated from other chemical waste, soaked with water or disposed of in a non-combustible container with tight fitting lid. Shelf Life for this product is 12 months from delivery date in original sealed containers.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of HMG's knowledge and belief accurate and reliable as of the date indicated. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy themselves as to the suitability and completeness of such information for their own particular use. For professional use only.