Ferrozinc

Information Sheet

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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.

Ferrozinc is simple and easy to use, with extended testing proving to outperform many other rust conversion products. 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. light condensation or surface moisture, not for application during wet weather.

Easily applied single pack material with excellent long term conversion properties. Compatible with most coating systems including water/oil based, chlorinated rubber and epoxy systems.

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. Manufactured under the auspices of an ISO 9001 management systems.

Information

Theoretical Coverage (approx) at 20 microns DFT	20m² 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 Days	**Application**	Brush
Suggested Primer	N/A	**Spray Gun Setup**	Compliant / Pressure Pot 1.1 – 1.4
Thinner	Water	**Wet Film (WFT)**	30 Microns
Thinning	N/A	**Dry Film (DFT)**	20 Microns
Flash Point	29°c	**Pot Life**	N/A
Volume Solids		**Recoat / Overcoat**	2 – 3 Hours
Maximum VOC (RFU)	30g/l	**Finish**	Eggshell
Regulation / Compliance	N/A	**Available Pack Sizes**	250ml, 1L & 5L

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. Reduce emissions and maintain quality by replacing tin lid after use. If in doubt, contact HMG Technical Service Department on 0161 205 7631.

Substrates

HMG Ferrozinc is suitable for use on wire brushed or mechanically abraded metal surfaces which are free from heavy rust scale, grease and dirt.

Application Climate

Substrate temperature should be 5°C or above for application and during cure, and a minimum of 3°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.

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.

General Specification

High pressure wash to remove all loose debris and other contamination.

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 scrapped, wire brushed or mechanically prepared to remove all loose.

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

Application

Apply by brush to affected areas, applying light coat. Avoid coating non rusted areas where possible.

For full surface preparation please refer to our web site for Knowledge Base article Prep Cleaning Techniques (KNB0009) and Preparatory Cleaners from the Product Guide. If in doubt speak to HMG Technical Department on 0161 205 7631.

Health And Safety

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.