

**PRODUCT NAME**

Ferrozinc

**ORIGINALLY ISSUED**

05/10/2017

**VERSION**

1.0

**PRODUCT CODE**

PRIFERRO

**VERSION DATE**

05/10/2017



**PRODUCT DESCRIPTION**

FERROZINC is a high performance water thinnable rust converter. It is an easily applied single pack material with excellent long term conversion properties. In many situations blast cleaning is not cost effective or practical, and though Ferrozinc is not an equivalent alternative to shot blasting, it does offer a far superior performance than conventional coatings applied to slightly rusted surfaces.

FERROZINC is used after simple wire brushing to remove surface rust. A dramatic colour change from white to black will show that the rust has been effectively neutralised.

FERROZINC should then be overcoated with a suitable primer & topcoat system for prolonged corrosion resistance.

Salt spray and extended durability testing has proven FERROZINC to out-perform competitive rust conversion materials.



**IMPORTANT INSTRUCTIONS BEFORE USE**

- Read and follow SDS, TDS and label instructions
- Stir all paints thoroughly before use
- Always use the same batch number on the same job
- Check colour & 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 any doubt speak HMG Technical Service Department on (0161) 205 7631



**MAXIMUM VOC CONTENT (RFU)**

0.03Kg/L

**REGULATIONS / COMPLIANCE**

- Not Applicable



**COLOUR RANGE**

- N/A



**GENERAL INFORMATION**

Coverage 20 square metres per litre @ 20 microns dft  
Flashpoint X°C  
Storage Store between 5°C - 25°C. When not in use, cans must be kept sealed  
Shelf Life 12 months from delivery date in original sealed containers



**CLEANING**

Surfaces should be wire brushed to remove loose rust. Soluble salts should be removed by washing with water, as they may slow down the conversion process.

FERROZINC should not be used over oil/grease contamination, or existing paint as this will render the product ineffective.



**SURFACE PREPARATION**

Please refer to Knowledge Base for details on Surface Preparation.



**ADDITIONAL INFORMATION**

Use a short pile stipple brush, applying a light coat.

Scrub well into rusted areas only. Avoid coating non-rusted areas wherever possible.



**HEALTH AND SAFETY**

- Refer to SDS and tin label prior to use.

**APPLICATION METHODS**



**MIXING RATIO**



**VISCOSITY**

RFU

RFU

RFU



**NUMBER OF COATS (GUIDE ONLY)**





1 thin coat



**FLASH OFF**

15-30mins

APPLICATION METHODS							
BRUSH							
<b>MIXING RATIO</b>							
<b>VISCOSITY</b>							
	RFU		RFU		RFU		
<b>NUMBER OF COATS (GUIDE ONLY)</b>							
	1 thin coat						
<b>FLASH OFF</b>							
	15-30mins						

	<b>DRYING TIME</b>							
	Touch dry	20-30mins @20°C	Touch dry	20-30mins @20°C	Touch dry	20-30mins @20°C		
	Hard dry	60mins @20°C	Hard dry	60mins @20°C	Hard dry	60mins @20°C		
	Full dry	2-3hrs @20°C	Full dry	2-3hrs @20°C	Full dry	2-3hrs @20°C		
	<b>RECOATABILITY / OVERCOATING</b>							
	after 2-3 hours							
	<b>WET FILM THICKNESS*</b>							
	30 microns maximum		30microns maximum					
	<b>DRY FILM THICKNESS*</b>							
	20 microns maximum		20 microns maximum					
* - HMG Technical Data Sheets indicate a Dry Film Thickness that will be achieved when applying a particular Wet Film Thickness. These values are a guide only and are not to be used as specifications. Film thickness will vary depending on actual use and specification. Great care should be taken to achieve the dft stated in the agreed specification and to avoid areas of excessively low or high thickness.								

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 it's 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.