

PRODUCT NAME**Ferrozinc****HMG PAINTS LTD**

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Issue date 31/07/2003
Formula number 8457
Product code PRIFERRO
Printed date Tue 31/08/04 at 12:32:30

PACKAGING

Available in 1 & 5 litre containers.

PRODUCT FUNCTION

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.

TECHNICAL INFORMATION

Flashpoint	N/A - Waterborne
Specific Gravity	1.38 approximately
Viscosity	2000 centi-poise (Brookfield viscometer)
Storage	12 months in original sealed containers
Flash off period	15 - 30 minutes
pH	2.0

APPLICATION AND USAGE DATA

Touch dry	20-30 minutes
Firm dry	1 hours
Hard dry	2-3 hours
Thinners	Water
Overcoating	After 2 -3 hours with HMG Primer & Topcoat systems
Eqp. cleaning	Water - Do not allow spillages to dry
Coverage	20 square metres per litre
VOC	29g/l

COLOUR RANGE

Not applicable

SPECIAL PROPERTIES

- Self indicating rust conversion.
- Ease of application.

PREPARATION

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.

HOW TO USE

- | | | | |
|--|---|--|--|
| <input type="checkbox"/> Airless | <input checked="" type="checkbox"/> Brush | <input type="checkbox"/> Electrostatic | <input checked="" type="checkbox"/> HVLP |
| <input checked="" type="checkbox"/> Conventional spray | <input type="checkbox"/> Dipping | <input checked="" type="checkbox"/> Roller | <input checked="" type="checkbox"/> See application data |

APPLICATION

FERROZINC may be applied over damp, but not wet surfaces.

Application is best carried out by brush, to ensure penetration into all rust contaminated areas.

Technical Data Sheets are also available on our website at www.hmgpaint.com

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Very soon after applying, a colouration is apparent, indicating the rust conversion process has taken place.

Subsequent overcoating can be carried out using most primer & topcoat systems, after FERROZINC is thoroughly dried.

NB. If used externally, adverse weather conditions and ambient temperature can dramatically increase drying times of waterborne products.

Application of FERROZINC can be done using spray equipment, but prolonged exposure of FERROZINC to metal spray equipment parts may cause damage to those parts. Always ensure that spray equipment is thoroughly cleaned after use.

Ensure that only a thin film of FERROZINC is applied to convert the corroded areas as a thicker film will not increase the conversion of corroded areas & will dramatically increase the drying time of the coating.

HEALTH AND SAFETY

- Refer to health and safety data sheet and tin label prior to use.
- When spraying, suitable respiratory equipment should be worn.

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