

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

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Issue date 01/01/1998
Formula number 8457
Product code PRIFERRO
Printed date Mon 26/11/01 at 11:48:09

PACKAGING

Available in 1 & 5 litre containers.

PRODUCT FUNCTION

FERROZINC is a high performance rust conversion water thinnable barrier primer coating system. It is an easily applied single pack material with excellent long term conversion and barrier 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 and a dramatic colour change from white to black indicates that effective rust conversion has taken place showing that the rust is effectively neutralised.

FERROZINC can then be left, or overcoated if required, with a wide variety of topcoat finishing systems. FERROZINC incorporates pure zinc phosphate to BS 5193.1975 for additional long term barrier anti-corrosive properties.

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

TECHNICAL INFORMATION

Flashpoint	N/A - Water borne
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 topcoat systems
Eqp. cleaning	Water - Do not allow spillages to dry
Coverage	10 square metres per litre
VOC	29g/l

COLOUR RANGE

Not applicable

SPECIAL PROPERTIES

- Self indicating that rust conversion has taken place.

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 will be ineffective over oil/grease contamination, or existing paint.

HOW TO USE

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

APPLICATION

FERROZINC may be applied over damp surfaces. Application is best carried out by brush, to ensure penetration into all rust contaminated areas.

Very soon after applying, a colouration is apparent, indicating the rust conversion process has taken place. Subsequent overcoating can be carried

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

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out using most topcoat systems, after a period of 2-3 hours.

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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