

756-910

Zinc Rich Cold Galvanised

PRODUCT DESCRIPTION AND USES

A single pack zinc rich anti-corrosive primer designed to provide a high performance coating for ferrous metals. Thin coats may be used as a shop prime, but heavier film thicknesses are recommended for longer term exposure. The product includes a suspension aid to avoid hard settlement in the can, and is supplied at a consistency suitable for brushing. With the high level of zinc, the electrical conductivity of the film is high, and zinc is sacrificed to prevent further corrosion of the iron surface. This process stabilises quickly, and any further sacrificial action is limited to the countering of corrosion due to the effects of mechanical damage. Zinc Rich Cold Galvanised is suitable for most aggressive environments, particularly when a finishing system of Duo Pack Polyurethane Undercoat and Topcoat is applied. When it is not top coated, it will weather well, but has limited resistance to strong acids or caustic alkaline agents. The binder is a very rapid drying single pack epoxy compound. The product will withstand temperatures of up to 150°C or 300°F.

PHYSICAL PROPERTIES

Colour/Texture	Silver grey/Matt
Volume Solids	68% kg/litre
Total Zinc Content	98%
Zinc Volume Solids D.F.T	93.5%
Product Density	2.5kg/litre
Drying Time	Touch Dry: 30 minutes Hard Dry: 8 hours
Recoat Time	Minimum: 1 hour Maximum: 14 days

NB: If this time is exceeded for best results lightly sand to attain adequate intercoat adhesion.

Flash point 27°C

SURFACE PREPARATION

Surface preparation should be of a good standard, all scale must be removed. Ideally the surface should be blasted to SA21/2. Zinc Rich Cold Galvanised is however able to tolerate light surface corrosion which has been wire brushed immediately before application.

APPLICATION DATA

Brush, roller or airless spray.	
Recommended D.F.T	50 microns
Recommended W.F.T	75 microns
Theoretical Spreading Rate	13m ² /litre 10-12m ² /litre @ 50 microns D.F.T
Thinners	H9

HEALTH AND SAFETY

Irritant

Avoid contact with skin and eyes. Avoid breathing vapour or sanding dust. When using this product it is recommended that full overalls, gloves, face mask and goggles be worn. Store container in a safe place when not in use. Do not burn container.

FIRST AID

EYES

Flush with water for at least 15 minutes and seek medical advice.

SKIN

Wash contact areas with soap and water. Remove all contaminated clothing, and seek medical advice. Do not scrub.

INHALATION

Remove patient from further exposure, and keep patient warm and comfortable.

INGESTION

Do not induce vomiting. Rinse mouth with water. Seek medical advice as soon as possible.

TRANSPORTATION AND DISPOSAL

Class

3

Hazchem Code

•3YE (3); •3Y

UN No

1263

Packing Group No

III

Fire Extinguishing Media

CO², Foam, Dry Chemical

Fire Fighting Procedure

Fire fighters should wear self contained breathing apparatus. Fight fire from a protected location as product may explode on heating. The vapours are heavier than air, so may travel along the ground to accumulate in low areas. Fire may flash back along vapour trail, and can also react with oxidising agents.

Spills should be cleaned up immediately by using sand or other non-flammable absorbent materials. Ensure material does not enter waterways.

Dispose of empty containers in accordance with local by laws.

OTHER INFORMATION

This product may be used for a wide variety of surfaces. If the surface you propose to paint is not referred to, contact Protective Paints Technical Department for classification.

For further technical information please phone 0800 724 684.

RELIABILITY OF INFORMATION

All statements and technical information contained herein are based on tests we believe to be reliable but the accuracy thereof is not guaranteed. Since Protective Paints Ltd has no control over product application, purchasers and users must confirm the suitability of our products under their conditions to meet their own requirements.

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