

A768

CORROLESS MICACEOUS IRON OXIDE

PRODUCT DESCRIPTION AND USES

Corroless Micaceous Iron Oxide is a high performance roof and structural steel coating manufactured from high quality MIOX pigment and approved to MWD Spec CD504. This product is widely used over 875- AE12 Etch Primer and 756-Steelkote Primers for long term protection of large expanses of galvanised and aluminium roofing or cladding, structural steel, cranes, tanks and bridges exposed to humid and salt/marine environments.

PHYSICAL PROPERTIES

Colour/Texture	Grey in a satin metallic finish
Volume Solids	50%
Product Density	1.42kg/litre
Drying Time	Touch Dry: 4 – 8 hours Hard Dry: 16 – 24 hours
Recoat Time	24 hours
Flash Point	31°C

SURFACE PREPARATION

All surfaces should be primed with an appropriate Protective anti-corrosive primer for long term protection. The substrate must be dry and clean before application, and the surface temperature must be above 10°C before Corroless Micaceous Iron Oxide is applied.

APPLICATION DATA

Corroless Micaceous Iron Oxide may be applied by air assisted or airless spray. Smaller areas may be rolled or brushed, ensuring that the coating is laid off in one direction only. Thin sparingly to suit application conditions and method by approximately 15 – 20%.

Recommended D.F.T	40 microns per coat (2 coats recommended)
Recommended W.F.T	75 microns per coat (2 coats recommended)
Theoretical Spreading Rate	12.1m ² /litre
Thinners	Brushing: R4 Spraying: G5

NB: Corroless Micaceous Iron Oxide when sprayed can cause severe wear to spray equipment

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

Packaging 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 bylaws.

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 Limited has no control over product application, purchasers and users must confirm the suitability of our products under their conditions to meet their own requirements.

ISSUE NUMBER: A768 (V1)

ISSUE DATE: 06 May 2016