

TECHNICAL DATA SHEET

Protective Coatings Micaceous Iron Oxide Paint

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Product Description

Protective Coatings Road Marking Paint is a high durable finishing paint based on micaceous iron oxide, an extremely hard lamellar, or flake like pigments possessing a high degree of water impermeability and particularity suitable for use under tropical conditions.

Recommended Use

Use for the protection of steelwork, bridges, superstructures and manufacturing plants, lamp post, safety railings, transmission towers, etc.

Technical Properties

Binder	: Iron Oxide
Solids (% by Volume)	: Approximately 50%
Flash Point	: About 35° C
Colour	: Refer to Graphenstone Far East's Ecomaxx Colour Card for standard colours.
Finish	: Low Sheen

Packaging	: 5L
Shelf Life	: 12 months - Unopened
Storage	: Cool, dry and well-ventilated area away from heat and direct sun light. Lid must be kept tightly closed.

Application Methods

Applied By	: Brush / Roller / Spray
Thinner	: General Thinner
Clean Up	: General Thinner

Surface Preparation

For All Surfaces

Surfaces must be dry, clean, sound and free from any loose material, dirt, grease or wax.

Application Information

Substrate: Metal

Packaging & Storage

Recommended No. of Coats: 2

Recommended Dry Film Thickness:
50 to 60 µm / Coat

Theoretical Coverage: 8.5 to 10 m² / L /Coat
(Does not include substrate condition and loss factors)

Drying Time	: Touch Dry	2 to 4 hours
	: Hard Dry	8 hours
	: Recoat	After 12 hours

Typical Recommended Painting System

Substrate: Metal

System	Product	No. of Coats
Primer	Ecomaxx PC Zinc Phosphate Primer	1
Finish	Ecomaxx PC Micaceous Iron Oxide Paint	2

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Application & Cleaning Instructions

Paint is ready for use after thorough stirring. Thinning is not normally necessary, however, if required for better workability, do not exceed 5% of dilution ratio. Clean up equipment immediately after use.

Health & Safety

Ensure good ventilation during application and drying. Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of soap and water. During spray application, do not breathe in mist and wear suitable respiratory protective equipment. Keep out of reach of children.

Complementary Products

It is recommended to use the Graphenstone and Ecomaxx products for complementary actions, according to the required application, repair and/or finish. Please, refer to the relevant Technical Data Sheets.

Usage Warnings

None in particular for normal use and people who do not have special pathologies. Protect skin and eyes. Apply with good ventilation, do not inhale product. Keep out of reach of children.

Waste Management

Help protect the environment, do not throw waste through the drain and use the nearest recycling centre.

Responsible Gesture

Minimize the product waste by estimating the amount you will need. Recover the unused paint to give it a new use, keep it under the above stated storage conditions.

Safety Information

For information regarding safety, physical, ecological and toxicological information see the latest version of the product's Material Safety Data Sheet.

Disclaimer

The above information is given to the best of our knowledge based on laboratory testing and practical experiences. The information in this data sheet may be subject to changes from time to time and without notice due to production refinements arising from continuing research and evaluation programmes, which may occasionally result in marginal changes in the coating properties.