

TECHNICAL DATA SHEET FOR
MICACEOUS IRON OXIDE

DESCRIPTION	: Micaceous Iron Oxide is a single component air drying alkyd-based coating pigmented with micaceous iron oxide. It serves as a decorative paint that revitalize steel surfaces with metallic matt finishing.
TYPE	: Alkyd-based coating pigmented with micaceous iron oxide
COLOUR	: As per colour card
FINISH	: Metallic matt finish
USES	: For the decoration and protection of properly prepared ferrous metal for both interior and exterior application.
FEATURES	: <ul style="list-style-type: none">• Metallic matt finish• Single pack, easy to apply• Good corrosion resistance on a properly primed metal• Formaldehyde-free

APPLICATION DATA

METHOD	: Brush, roller, compressed air spray and airless spray
COVERAGE	: Approximately 8.5 - 10.2 m ² / litre (theoretical, based on 50 - 60 µ DFT)
SURFACE PREPARATION	: <p>New or Rusted Metal Surfaces Remove rust and any unstable matter by power brushing or sand paper. The surface must be clean and dry, free from grease, oil, loose rust and other foreign matter. To enhance anti-corrosion performance, apply Crystalux A/C Primer prior to application of Micaceous Iron Oxide</p> <p>Painted Ferrous Metal Surfaces Sand the painted surface to remove any unstable matter. The surface must be clean and dry, free from grease, oil, loose rust and other foreign matter. Test for compatibility with existing paint by painting a small area first. Remove all paint to bare metal by all suitable means if there are signs of incompatibility prior to application of Micaceous Iron Oxide.</p> <p>Non –Ferrous Metal Surfaces Clean and remove any oil or grease, soluble salts and other forms of dirt. The bare metal must be primed with a coat of Hi-Vinyl 1102 CF Etching Primer before application of Micaceous Iron Oxide</p>

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APPLICATION	:	<ul style="list-style-type: none">• By Brush and Roller: Dilution : 0-5 % by volume• By Airless Spray: Delivery pressure : 140 - 170 kg / cm² Tip Size : 0.015" - 0.017" Spray Angle : 60° - 70° Dilution : 0 - 5 % by volume• By Compressed Air Spray Dilution : 10 – 15% by volume
DILUTION THINNER	:	Bodelac 9000 GP Reducer
DRYING TIME	:	Touch Dry - 1 hour at 30 °C Hard Dry - 16 hours at 30 °C
OVERCOATING TIME	:	Minimum 16 hours at 30 °C
RECOMMENDED PAINTING SYSTEM	:	1 coat of primer based on substrate stated in surface preparation Minimum 2 coats of Micaceous Iron Oxide
CLEANING	:	All equipment should be cleaned with Bodelac 9000 GP Reducer immediately after use
GENERAL INFORMATION		
SOLID CONTENT	:	75.0 ± 2.0 % by weight (depending on colours)
SPECIFIC GRAVITY	:	1.60 ± 2.0 % kg / litre (depending on colours)
PACKING	:	1 litre & 5 litres
STORAGE	:	Store in a tightly sealed container in a cool, dry place
SHELF LIFE	:	Up to 24 months in a tightly sealed container
PRECAUTION	:	Ensure good ventilation during application and drying of paint. Avoid direct contact with sensitive skin. Use appropriate personal protective equipment

Refer to the product Safety Data Sheet for more information

The information given is intended to give a description of the product performance under specific test conditions. Nevertheless, we cannot assume any responsibility for the use of it since circumstances under which the products are applied in practice are subjected to many variations. We reserve the right to alter the given data without notice.

Enquiries / Contact Details	:	Customer Service 6265 5355 (Main Line) www.nipponpaint.com.sg
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