

EPOXY HB MIO COATING

RAMCOAT[®] GUARD MIO 635

Description

RAMCOAT[®] GUARD MIO 635 is a Low VOC high build epoxy coating reinforced with micaceous iron oxide (MIO) designed for application on structural steel. It provides excellent durability, water & chemical resistance due to laminar structure property of MIO.

Recommended Use

- RAMCOAT[®] GUARD MIO 635 is used as a barrier coating in Anti-corrosive coating system.
- It is recommended to use for long term protection of Structural Steel, offshore structure, Refineries, Fertilizer plants, chemicals plants, Storage Tank, Roof etc. Subjected to aggressive environment.

Technical Information

PROPERTY	SPECIFICATION
Type	Two pack
Finish	Matt, semi glossy
Colour	Brown
Mixing Ratio	Base : Hardener – As per recommendation
Maturation Time	20 Minutes
Pot Life @ 30° C	2 -3 hrs
Volume Solid, %,	80 + 2
Recommended WFT	125-156 μ / Coat
Recommended DFT	100-125 μ / Coat
Theoretical COVERING CAPACITY	8.20 m ² / l @ 100 μ DFT 5.46 m ² / l @ 150 μ DFT

Drying Time (At 30° C & 65 % Relative Humidity)

STAGE	TIME
Surface Dry	4 hr
Hard Dry	16 hr
Full Cure	7 Days

Over Coating Interval : MIN: 12 hr MAX : 30 Day

Provided surface should be free from oil, grease , mil scale, rust & other contaminants and surface should be sufficiently roughen by sand paper no # 150 before application of further coat.

Flash Point

COMPONENT	FLASH POINT
Base	Above 25 °C
Hardener	Above 25 °C

Recommended Thinner :

RAMCOAT[®] EPOXY Thinner

Shelf Life:

12 months from the date of manufacturing in sealed containers at 30°C

SURFACE PREPARATION:

- Primed surfaces should be clean, dry and free from other contamination and foreign particles.
- Before application of intermediate coat, surface should be checked and maintained in accordance with ISO 8504:2000.
- Ram Guard MIO 635 is to be applied on recommended anti-corrosive primer and it should be applied within the over coating interval time.

APPLICATION :

- Mix the base and hardener in recommended ratio keeping in mind pot life of the mixed material.
- Thinner required 5% - 10% Thinner may be used depending upon climatic condition.
- Brush – Apply preferably without thinning. If require 2 - 5 % Thinner may be used
- Conventional Spray – Use 5-10% Thinner if required.
- Airless Spray – Airless spray essential to achieve high DFT and uniform finish. If required, Use thinner 7-15 % by volume, based on environment condition.
- Suggested Tip Size : 17-21 thou
Output fluid pressure : 2800-3500 psi
- Do not apply intermediate coat when temperature falls below 10°C or rises above 50°C and when relative humidity is above 85% RH. Also do not apply during Rain, Fog or Mist.
- Apply the intermediate coat in well ventilated area.

PACKING :

- Packing : 20 L, 4 L

(The information given in this literature sheet is, to the best of our knowledge, true and accurate. Their accuracy, completeness or appropriateness under the actual conditions of any intended use is not guaranteed)

* For further assistance please contact our technical dept.

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