

EPOXY HB HS SURFACE TOLERANT COATING

RAMCOAT® GUARD 535 ST

Description

RAMCOAT® GUARD ST is high performance to component epoxy based mastic coating, which is specially designed for application on steel structure where optimum surface preparation is not possible or blasting is not possible as a surface preparation.

Recommended Use

- It is mainly recommended in those areas where blasting is impractical or impossible. For application on Structural Steel, Pipelines, Storage Tank, Plant Equipments, Electrical Equipment etc. subjected to Corrosive environment.
- It gives better corrosion protection in Chemical and Saline atmosphere.
- Suitable for Power Plant, Chemical Plants, Fertilizer Plant, Refineries, Petrochemical and Pharmaceutical Industries, Cement Plants, Steel Plants, OEM sectors.

Technical Information

PROPERTY	SPECIFICATION
Type	Two pack
Finish	Egg Shell to Semi Glossy
Colour	Selected Shades (Industrial)
Mixing Ratio	Base : Hardener – As per recommendation
Maturation Time	20 Minutes
Pot Life @ 30° C	4 + 1 hrs.
Volume Solid, %	82 ± 3
Recommended WFT	122-183 µ
Recommended DFT	100-150 µ / Coat
Covering Capacity (TCC)	8.20 m ² / l @ 100 µ 5.46 m ² / l @ 150 µ

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

STAGE	TIME
Surface Dry	2 hr
Hard Dry	Overnight
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 under normal storage conditions in original containers at 30°C

SURFACE PREPARATION:

- Clean the surface and remove grease, oil, water, dust and other Contaminants.
- Accumulated dirt and soluble salt must be removed.
- Make full use of mechanical tools along with manual chipping and wire brushing to lose rust and scale St 2 Grade.
- Excessive burnishing of metal substrate is to be avoided.

APPLICATION :

- Mix the base and hardener in recommended ratio keeping in mind pot life of the mixed material.
- Apply by brush preferably approx. 10% - 15% Thinner may be used depending upon climatic condition.
- Do not apply paint when temperature falls below 10°C or rises above 50°C and when humidity rises above 85%. Also do not apply during Rain, Fog or Mist.
- Apply the primer in well ventilated area with suitable personal protective equipments.

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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