

100% SOLID EPOXY COATING

RAMCOAT® GUARD 555 SL

Description

RAMCOAT® GUARD 555 SL is 100% Solid Epoxy Coating is having good performance against marine & industrial environments. The product has excellent resistance to chemicals and solvent fumes splash & spillage. It is also recommended for areas where blasting is impractical.

Recommended Use

- It is applied directly on the steel substrate or on primed Steel substrate which can further to be coated with Polyurethane Top coats. For application on Structural Steel, Refineries, Power Plant, Chemical & Fertilizer Plant, Pipelines, Storage Tank, Roof ,Cooling Towers etc.

Technical Information

PROPERTY	SPECIFICATION
Type	Two pack
Finish	Semi Glossy
Colour	As per standard requirement
Mixing Ratio	Base : Hardener – As per recommendation
Maturation Time	20 Minutes
Pot Life @ 30° C	1 hrs.
Volume Solid, %,	100
Recommended WFT	Min. 200 µ per coat
Recommended DFT	Min. 200 µ per coat
Covering Capacity (TCC)	5.00 m ² / l @ 200 µ

Drying Time (At 300 C & 65 % Relative Humidity)

STAGE	TIME
Touch	4 hr
Handle	8 hr
Hard Dry	25 hr
Full Cure	7 Days

Over Coating Interval : MIN: 8 hr MAX : 30 Days

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

Temperature Resistance

Dry Heat – 120 Deg C | Water impermeability – 50 Deg C.

Abrasion Resistance

Very Good

Flexibility

Moderate

SURFACE PREPARATION:

- Clean the surface and remove grease, oil, water, dust and other Contaminants in accordance with SSPC-SP1 solvent cleaning.
- Abrasive blast cleaning upto Sa 2 ½ performance (ISO 8501-1: 2007) or SSPC-SP6 (Surface profile from 50 to 75 Micron) to avoid oxidation, RAM GAURD 555 SL has to be applied immediately after blasting.
- 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.
- Now filter the mix material before application.
Apply directly without thinner.
- Airless Spray – Airless spray essential to achieve high DFT and uniform finish. If required, Use thinner 5–7 % by volume, based on environment condition.
Suggested Tip Size : 17–21 thou
Output fluid pressure : 2800–3500 psi
- Do not apply paint 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 paint in well ventilated area.

PACKING :

- Packing : 30 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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