



STRUCT GUARD- NOVO COAT (Novolac based epoxy coating)

Description:

Struct Guard- Novo Coat is a two-component high build solvent free epoxy Novolac coating. It is designed to provide applications requiring high levels of corrosion, temperature, and chemical resistance.

It has best application with Struct Guard- Epo Primer.

Technical Data:

Base	Novolac Epoxy Resin (Two Component)
Gloss	Semi-Glossy
Mix proportion (By Weight)	Part A: Part B 3:1
Shelf Life	1 year in tightly sealed container
Pot life	3 hours for 1 kg mix at 30° C
Curing	20 hours in air
Solid content	75%
coverage	5-6 Sq.mts/kg/
DFT	135 microns

Direction for use:

Surface preparation:

- The surface must be clean and free from contamination. The performance of product depends upon the quality of surface preparation.
- Remove grease, oil, and all other contaminants by solvent cleaning.
- Accumulated dirt and soluble salts can be removed by dry bristle brushing

Blast cleaning:

- Blast clean steel to minimum Sa 2.5 grade with a surface profile of 50 - 70 microns.
- The surface should be clean and dry before application of product.
- In case of oxidation of steel surface has occurred between blasting and application, the surface should be re-blasted.
- Ensure new concrete must be cured for minimum 3 month.
- Where blasting is not practical, used wire brushes to remove laitance followed by acid treatment with hydrochloric acid (10%). Remove acid and contaminants with water wash.
- Mix STRUCT GUARD- NOVO COAT in 3:1 proportion and apply on surface by Brush / Spray.

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Advantages:

- Creates good bond with structural elements.
- It has excellent resistance to inorganic acids.
- It has excellent temperature resistance property.
- High mechanical and adhesive strength.
- Heat resistance up to 120⁰ C.

Application:

- Chemical processing plants
- Oil and gas facilities, Refineries
- Cooling towers and jetties
- Power generation units
- Pulp and paper mills
- Water and wastewater treatment plants
- Pharmaceutical and food processing facilities
- Marine and offshore structures
- Storage tanks (chemical, oil, and fuel)
- Pipelines and piping systems

Packaging:

PART A	30kg
PART B	10kg

Storage and shelf life:

Store away from direct sunlight. 12 months from date of manufacture.

Safety Precautions:

Wear Hand Gloves and mask during application of product. Avoid contact with the eyes and skin. In case of direct contact and irritation, the resin should be washed off immediately with soap and warm water. Avoid breathing vapors, mist or gas.

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