Concrete Protection Specialties

KRETOP EPS 500 CRS

EPOXY NOVOLAC COATING

DESCRIPTION

KRETOP EPS 500 CRS is a solvent-free, two-component epoxy novolac coating designed to provide maximum corrosion and chemical resistance against the most aggressive chemicals in extreme service applications.

KRETOP EPS 500 CRS can be applied as a coating or lining for surfaces subjected to aggressive chemical.

AREA OF APPLICATION

- Chemical resistant floor
- Printing areas
- Battery/ Galvanized factories
- Chemical plants
- Any structure exposed to aggressive chemicals
- Power plants

KEY BENEFITS

- Hard wearing: Good abrasion resistance for medium duty.
- Hygienic: so seamless & smooth that no dirt and bacteria can dwell.
- Durable - Tough and impermeable layer with excellent resistance against wear and tear.
- Attractive: high gloss finish
- Chemical resistant - Excellent resistance against the most corrosive chemicals.

TECHNICAL DATA

Compressive Strength (JIS K7208)	> 65 MPa
Bond strength (JIS K5600)	> 2 MPa
Abrasion resistance (JIS K5600)	< 40 mg
Hardness (Pencil)	2H
Service Temperature	Up to 60°C
Number of coats	2 - 3 coats
Coverage (kg/m2/coat)	0.15 - 1.0
Finish	Gloss

APPLICATION PROCEDURES

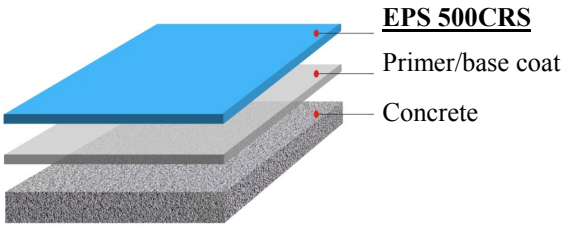
Mixing: Stir each component separately by using a slow speed electric drill fitted with a paint mixer or a wing type mixing paddle. Then pour entire all components and continue to mix for 2-3 minutes and until homogeneous before use.

Multi-Layers application: Immediately after mixing , spread by using a squeegee and or roller and allow to dry for minimum 2-4 hours before 2nd application.

Self-Smoothening application: Immediately after mixing pour on the floor and spreading by steel trowel or squeeze. Using spike roller to remove bubbles.

Thinning: 10 % Thinner (if necessary)

Drying time: 1 – 2 hours for touch dry, 12 hours for light traffic and 7 days for full cured to resist chemical.



STORAGE AND HANLING

Storage: Keep container closed, store in a dry, cool, well-ventilated area and away from heat and fire

Handling: Handle with care. Stir well before use.

HEALTH & SAFETY

- May cause irritation when exposed.
- Avoid breathing the mist.
- Avoid skin and eyes contact. Wash the contaminated skin with soap and water in case of skin contact.
- Wear all appropriate Personal Protective Equipment (PPE) during application. In case of eyes contact, flush the contaminated eye(s) with water and seek medical attention immediately.
- Obtain medical attention in case of ingestion.