

ShaliKote® C

2K Anti-Corrosive Ceramic Epoxy Coating



STP Limited

Description

ShaliKote® C is an epoxy system having specific ceramic filler with modified cyclo-aliphatic amine as curing agent. The ceramic filler maximizes the abrasion and thermal shock resistance.

ShaliKote® C is very effective where erosion followed by corrosion is eminent. Slurry and gas with high level of solid particles when pass through pipe lines at high velocity erode and corrode the pipe lines. Effluent drainage line, waste water treatment lines and coke oven gas lines often meet this phenomenon.

Characteristics

Colour	Gray	Volume Solid %	80 ± 2
Mixing Ratio	3 : 1	Pot Life @ 25 °C, hr	2
Theoretical Coverage for 200 – 250 micron *	3 – 4 m ² / L	Recoat Time @ 25 °C, hr	8 – 16
		VOC, grm / L	150

* Depending upon surface condition.

Application

Recommended for structural steels, tank linings, battery storage areas, pulp and paper mill, coke oven plants, waste water treatment plant, mines and marine installations.

Advantages

- Outstanding abrasion resistance.
- Excellent acids and alkali resistance.
- Low VOC system.
- Can be used on steel, concrete and epoxy mortars.

Application Methodology

➤ Surface Preparation

- Remove dust, flakes, oil, grease or other foreign particles by jet or dry air and clean the surface to make it smooth before applying **ShaliKote® C**.
- Surface of steel must be prepared as per the NACE or SSPC guidelines. Concrete surface should be sound and 28 days cured.

➤ Material Preparation

- Stir both the components separately before mixing with a hand drill type spiral stirrer. This is to disperse all the fillers which might settle in the can.

➤ Application of Material

- Use ShaliPrime C for priming the concrete surface and ShaliPrime Zn Ph 60 for metal surface.
- Allow it to dry.
- Apply first coat of **ShaliKote® C** on the prepared surface by brush / roller / spray.
- Allow it to touch dry.
- Apply second coat of **ShaliKote® C** (if required).
- In case of airless spray, use standard equipment having tip size of 0.48 - 0.88 mm and tip pressure 210 – 250 kg / cm².

Health & Safety

- Avoid contact with skin / eyes and avoid swallowing.
- Ensure adequate ventilation and avoid inhalation of vapor.
- Wear suitable protective clothing, gloves and eye protection.
- In case of contact with skin, rinse with plenty of clean water, then cleanse with soap and water. Do not use solvent to clean the contacted area.
- In case of contact with eyes, wash immediately with plenty of clean water and seek medical advice.
- If swallowed seek medical attention immediately. Do not induce vomiting.

Packing

Available in 20 L packing (15 L & 5 L) consisting of Component A & B.

Storage

Keep in cool and dry place, under shed, away from heat.



STP Limited
Enhancing Structures' Life

Product Range

- Waterproofing and Insulation ■ Road Surfacing
- Sealants and Additives ■ Pipeline Coating
- Protective / Anti-Corrosive Coating ■ Epoxy Flooring
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