

ShaliProtek® HR BT 200

Water Based Bituminous Protective Coating For Concrete / Metal



Description

ShaliProtek® HR BT 200 (formerly known as ShaliKote BT) is a clay type bituminous emulsion with inert fillers and fibers.

Technical Characteristics @ 27°C, 55% RH

Colour	Brown to chocolate	Hard drying Time, hrs.	24
Temperature Resistance, °C, Max.	200	Application temperature, °C	10 - 40
Consistency	Brushable / Trowable	Density, gm / cc	1.10
Theoretical Coverage* per coat, kg / m ²		Dry film thickness per coat, microns	
• On metal surface	0.8 - 0.9	• On metal surface	200
• On concrete surface	0.6 - 0.8	• On concrete surface*	150

*Depending upon surface condition.

Field of Application

Used as protective coating on concrete / metal structure.

Advantages

This coating, when set, is impermeable to water and shows a marked resistance to temperature fluctuations, industrial fumes and saline atmosphere.

Application Methodology

➤ Surface Preparation

- Remove dust, flakes, oil, grease or other foreign particles by jet or dry air and clean the surface smooth before applying **ShaliProtek® HR BT 200**.
- Repair the visible cracks and fill up the depression with 1:4 cement and sand admixed with **ShaliCrete**.

➤ Material Preparation

- Dilute **ShaliProtek® HR BT 200** from its pasty consistency to that of light consistency by adding water in the ratio of 1:1 for priming.

➤ Application of Material

- Apply diluted **ShaliProtek® HR BT 200** material on the surface as primer.
- When the primed surface is dry and has turned black from its original brown colour, apply **ShaliProtek® HR BT 200** and allow the emulsion to break. It will turn black from its original brownish colour.
- When the emulsion has set in, apply second coat, if required.
- For surface smoothening purpose, use water moistened brush when the coating is still wet.

Limitation

Do not add any solvent based thinner in the system.

Value base of product data

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control and different test methods.

Health and Safety information

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent **Material Safety Data Sheet**.

- 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 eye contact, wash immediately with plenty of clean water and seek medical advice.
- If swallowed seek medical attention immediately. Do not induce vomiting

Packing

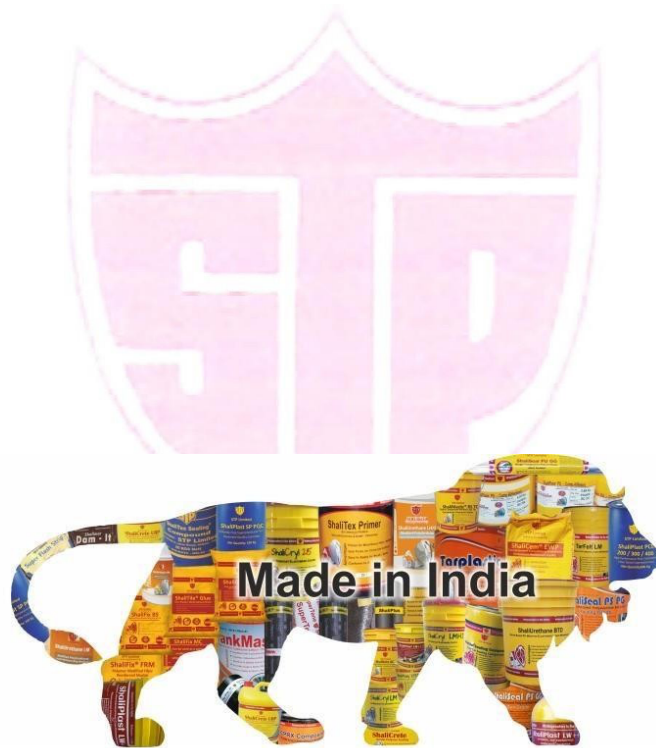
Available in 20 kg and 200 kg drum.

Storage

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

Shelf Life

12 months in original unopened sealed conditions.



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Enhancing Structures' Life

Product Range

- Waterproofing and Insulation ■ Road Surfacing
- Sealants and Additives ■ Pipeline Coating
- Protective / Anti-Corrosive Coating ■ Epoxy Flooring
- Grouts / Admixtures ■ RestoFix- Repair / Rehabilitation
- Other Construction Chemicals



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