

ShaliProtek® HR BT 260

Bituminous Cold Applied Protective Coating Emulsion



STP Limited

Description

ShaliProtek® HR BT 260 is an asphalt based emulsion for coating Internal Casing Surfaces of Furnace / Boilers Firebrick linings.

ShaliProtek® HR BT 260 remains plastic in order to accommodate thermal expansion / contraction of pipes or vessels, whose thermal insulation it protects.

ShaliProtek® HR BT 260 can be used at elevated temperature up to 260 °C.

ShaliProtek® HR BT 260 has excellent vapour barrier properties and resists UIC (under insulation corrosion).

Characteristics

Colour	Brown to Chocolate	Consistency	Pasty / Creamy
Finish	Mat	Application	By brush / Trowel
Flash Point, °C	> 200	Drying Time, hrs	
Volume Solid, %	> 50	• Touch Dry	4
Application Temperature, °C	4 to 48	• Hard Dry	48
Service Temperature, °C	260	DFT, mm, 2 coats	6
Dry heat resistance, °C	260	Volatile content, %	40 by weight
Viscosity @ 30 °C, B 4 cup	Thixotropic	Specific gravity	1.30 ± 0.1
Theoretical coverage*, kg / m ² , mm	2.2		

* Depending upon surface condition.

Application

- Internal Casing Surfaces of Furnace / Boilers Firebrick linings.

Advantages

- Protects inner vessel casings from corrosive chemical thus avoiding deterioration.
- Excellent moisture barriers.
- High Temperature resistance.
- Retains thermal efficiency during all weather conditions.
- Effective insulation material.
- Solvent free and hence eco-friendly and non-toxic.
- Effective in Under Insulation Corrosion Resistance.

Application Methodology

➤ Surface Preparation

- Remove all loose gravel, dirt, oil, grease and foreign matter by jet of dry air and clean the surface mechanically or by grinding to make it smooth before application.

➤ Material Preparation

- For priming the prepared surface, dilute **ShaliProtek® HR BT 260** from its pasty consistency to that of light consistency by adding water in the ratio of 1:1.

➤ Application of Material

- Prime the prepared surface with diluted **ShaliProtek® HR BT 260**.
- Allow it to dry.

- Apply first coat of **ShaliProtek® HR BT 260** when the primed surface is dry and wait for coating to change black from its original brown colour.
- Allow it to dry for 24 hrs.
- Apply second coat.
- Sprinkle sand @ 200 grm / m² over the final coating when the surface is still tacky.

Health & Safety

- Avoid contact with skin / eyes and avoid swallowing.
- Ensure adequate ventilation and avoid inhalation of vapour.
- Wear suitable protective clothing, gloves and eye protection.
- In case of skin contact, 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 with plenty of clean water and seek medical advice.
- If swallowed, seek medical attention immediately. Do not induce vomiting.

Packing

Available in 20 kg containers.

Storage

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

Shelf Life

6 months in original unopened sealed conditions.



STP Limited
Advisory Cell
+91 81302 81114
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