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.

Characteristics

<table>
<thead>
<tr>
<th>Colour</th>
<th>Brown to chocolate</th>
<th>Consistency</th>
<th>Brushable / Trowelable</th>
<th>Drying Time, hr</th>
<th>24</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specific Gravity</td>
<td>1.10</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Theoretical Coverage per Coat, kg / m² *</td>
<td></td>
<td>Dry film thickness per coat, microns</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• On metal surface</td>
<td>0.8</td>
<td>• On metal surface</td>
<td>200</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• On concrete surface</td>
<td>0.6</td>
<td>• On concrete surface</td>
<td>150</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Depending upon surface condition.

Application
Recommended for protective coating of 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.

➢ 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.

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 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.