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

* Depending upon surface condition.

Application

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 base thinner in the system.

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.