ShaliProtek® HR BT 100
Heavy Duty Anti-Corrosive Bituminous Paint for Ductile Iron

Description

ShaliProtek® HR BT 100 is a heavy duty bituminous coating which gives a smooth black egg shell mat finish. The coating shall not impart any taste or odour to water, and it is non toxic conforms to BS 3416 /1991, Type II (For Portable Water)

It shall provides highly durable protective coating to prevent corrosion or rust on Ductile Iron, Mild steel structures & Waterproof to the concrete surfaces.

Characteristics

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drying Time, Max</td>
<td>15 +/- 5 minutes</td>
</tr>
<tr>
<td></td>
<td>Hard Dry, Max 8 hrs</td>
</tr>
<tr>
<td>Consistency</td>
<td>Smooth, uniform</td>
</tr>
<tr>
<td></td>
<td>Brushable and sprayable</td>
</tr>
<tr>
<td>Finish</td>
<td>Smooth, Egg shell to mat</td>
</tr>
<tr>
<td>Viscosity @ 30 °C, B 4 cup</td>
<td>120 – 180 sec</td>
</tr>
<tr>
<td>Colour</td>
<td>Black</td>
</tr>
<tr>
<td>Volatile content, % by weight</td>
<td>Max 40 %</td>
</tr>
<tr>
<td>Flash Point</td>
<td>➢ 23°C</td>
</tr>
<tr>
<td>Theoretical Coverage, Sqmtr/Lit</td>
<td>5 - 6</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.2 +/- 0.2</td>
</tr>
</tbody>
</table>

* Depending upon surface condition

Application

- External surfaces of Ductile Iron Pipes.
- External surface of any MS steel structure.
- External concrete surface

Advantages

- Easy application by brush / spray gun. It dries rapidly leaving black egg shell mat finish.
- Resistant to water, acids / alkalis and natural salts.
- Does not crack due to weathering, expansion or contraction.
- Give highly durable protective air-tight coating to prevent corrosion or rust on iron, steel Ductile Iron & concrete surfaces against air, moisture, sea water.

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
- Stir ShaliKote BT 100 thoroughly to achieve homogenous mix by a mechanical drill.

➢ Application of Material
- Apply ShaliKote BT 100 on dried and Cleaned surface by brush or spray gun.

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 Lits and 200 Lits container.

**Storage**

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

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**STP’s Businesses**

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Road Surfacing  
Pipeline Coating  
Protective / Anti-Corrosive Coating  
GARA (Grouts & Admixtures)  
Sealant & Adhesives  
Repairs & Rehabilitation  
Epoxy Flooring

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