TankMastic® 100
100 Micron Single Coat Bituminous Anti-Corrosive Coating

Description

TankMastic® 100 is a specially formulated anti-corrosive bituminous coating for railway tracks and other metallic / concrete structure. TankMastic® 100 gives 100 micron DFT in single coat by single feed spray gun application and is tasteless, odourless and non-toxic. TankMastic® 100 cure to a hard film, having excellent resistance to water, mild acid, alkali and major common chemical.

It conforms to IS: 9862/1981 as well IS: 158/1981.

Characteristics - Physical

<table>
<thead>
<tr>
<th>Property</th>
<th>Test Method</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drying Time, hrs</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hard dry</td>
<td>IS : 101 : 2009</td>
<td>105 ± 5</td>
</tr>
</tbody>
</table>

Characteristics - Technical

<table>
<thead>
<tr>
<th>Property</th>
<th>Test Method</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Theoretical Coverage, m²/L</td>
<td>IS : 101 : 1988</td>
<td>4.0 – 5.0</td>
</tr>
<tr>
<td>On Metal Surface</td>
<td>IS : 101 : 2009</td>
<td>3.5 – 4.5</td>
</tr>
<tr>
<td>On Concrete Surface</td>
<td>IS : 101 : 2009</td>
<td>3.5 – 4.5</td>
</tr>
<tr>
<td>DFT, Microns*</td>
<td>IS : 101 : 2009</td>
<td>105 ± 5</td>
</tr>
<tr>
<td>Flash Point, °C</td>
<td>IS : 101 : 2009</td>
<td>34</td>
</tr>
</tbody>
</table>

* Depending upon surface condition and ambient temperature around 40 °C.

Application

- Railway tracks and other metallic / concrete structures.
- Underbody of railway coach wagons and other vehicles.

Advantages

- Easy to apply by brush / single feed spray gun.
- Dries fast to form a tough abrasion resistant coating.
- Provides an excellent anti-corrosive / protective coating for wide range of applications
- Resistant to diluted acids and alkalis with excellent water resistance property.

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 TankMastic® 100 by a slow speed mixture (approx. 400 rpm) fitted with a suitable mixing paddle to ensure a homogenous mix.
  - After stirring, wait for the product to settle in order to let entrapped air escape.

- **Application of Material**
  - Apply TankMastic® 100 by brush / spray gun on prepared surface.
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 L and 200 L 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 condition.