THERMOLINE H

Hot Applied Thermoplastic Traffic Paint

DESCRIPTION:
• THERMOLINE H is a hot applied thermoplastic, formulated with pigments, filler and extenders of great brightness stability, bound together by an internally stabilized thermosetting hydrocarbon resin plasticized externally.

Approximate Proportion Of Components:
• Binder : 18 - 20 %
• Pigment + extender : 20 %
• Aggregate : 40 %
• Micro glass beads (acc. specs) : 10 - 20 %

SIEVE ANALYSIS FOR MICROGLASS:
Sieve : retained %
1180 micron : 0 - 13 %
850 micron : 0 - 10 %
450 micron : 90 - 100 %

TECHNICAL DATA:

<table>
<thead>
<tr>
<th>Property</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density</td>
<td>2.0 ± 0.2 kg/L</td>
</tr>
<tr>
<td>Softening point</td>
<td>&gt; 95°C</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt; 250°C</td>
</tr>
<tr>
<td>Luminance Factor</td>
<td>&gt; 75</td>
</tr>
<tr>
<td>Heat stability</td>
<td>&gt; 65</td>
</tr>
<tr>
<td>Flow resistance</td>
<td>&gt; 5 % at 40°C</td>
</tr>
<tr>
<td>Abrasion resistance</td>
<td>&gt; 0.25 gm</td>
</tr>
</tbody>
</table>

ADVANTAGES:
• Very rapid drying after spraying.
• Possibility of using the road directly after application compared with traditional paints which need long drying time.
• Highly non-skid properties.
• Long life period up to 3 years.
• Excellent adhesion up over flexible pavement.
• Un-limited storage period.

METHOD OF APPLICATION:
• The surface to be marked should be cleaned, dry and free from foreign agent that can affect the adhesion over the substrate.
• It is preferable to remove the existing paint.
• The material should never be heated to more than 230 °C.
• Choose the suitable spraying machine according to the conditions in each site.
• The thickness of the paint will be about 1.5 - 3.0 mm.

PACKAGES:
• 25 kg (paint), 25 kg (glass beads).