Product Specification

Product Code: MCAP2

Dibenzoyl Peroxide is organic peroxide (Type D), 50% powder with silica. It is a free flowing white powder, used as an initiator for the following range of Ennis Roadplast cold applied plastic products:

- Ennis Roadplast Trowel / Screed
- Ennis Roadplast Roll on
- Ennis Roadplast Profile
- Ennis Roadplast Structured Marking
- Ennis Roadgrip
- Ennis Colourpave

Application

Ennis Roadplast cold applied plastic products require the thorough incorporation of Dibenzoyl Peroxide. The amount of Dibenzoyl Peroxide powder added will vary between 0.5% and 3.0% by weight of Ennis Roadplast cold applied plastic products depending on material temperature and road surface temperature (Consult the table below).

If temperature of the Ennis Roadplast cold applied plastic material and road surface are similar then the pot life will be approximately be half the curing time of the marking.

The table below is a guide to the amount of the Dibenzoyl Peroxide powder addition required by indicating how the pot life and curing time of the Ennis Roadplast cold applied plastic products are affected by the temperature and the amount of Dibenzoyl Peroxide powder added.

<table>
<thead>
<tr>
<th>Temperature (°C)</th>
<th>Hardener (% by weight)</th>
<th>Pot Life (mins)</th>
<th>Curing Time (mins)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10&gt;</td>
<td>3.0</td>
<td>15</td>
<td>55</td>
</tr>
<tr>
<td>20&gt;</td>
<td>1.5</td>
<td>10</td>
<td>45</td>
</tr>
<tr>
<td>30&gt;</td>
<td>0.7</td>
<td>15</td>
<td>40</td>
</tr>
</tbody>
</table>

Transport and Storage

It is important to note that Dibenzoyl Peroxide has a Hazchem Code: 2YE and transport classification of 5.2, therefore special care is required for transportation as it is an oxidizing agent. Refer to Material Safety Data Sheet (MSDS) for more detailed information.

Packaging

1kg bag
25kg carton

Additional Information

Please contact Ennis Traffic Safety Solutions Pty Ltd if you require:

- An MSDS
- Pricing and availability
- Or more specific information on this product or other products in the wide range of products manufactured by Ennis Traffic Safety Solutions specifically for the roadmarking industry.

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