DENSO EPOXY PENETRATING PRIMER

Description

Denso Epoxy Penetrating Primer is designed to be absorbed by marbelite or cement, to bind the substrate and to act as a chemical key and to react with subsequent coats. It is an Integral part of most epoxy floor coating systems.

Principal Characteristics
• Excellent adhesion to concrete
• Can be used as a dust sealer
• Good water and chemical resistance

Chemical Resistance
• Resistant to most dilute acids and alkalis, petroleum products, detergents and water

Recommended Areas for Use
• Walls and floors in-
  • Factories and warehouses
  • Parking Garages
  • Breweries and abattoirs
  • Dairies and kitchens
  • Nuclear decontamination
  • Can be used as a dust sealer
  • Also suitable as a high gloss top coat

Application Instructions

Surface Preparation
All surfaces must be clean, sound and free of oil, dirt and dust. Concrete surfaces should be abrasive blasted or acid etched to remove laitance. Moisture content should not exceed 10%

Application
Thoroughly mix the epoxy and activator in the proportions given. Mechanical slow mixing is preferred. Apply by brush, roller or spray. Over-coating may proceed as soon as the applied product is touch dry.

Cleaning Equipment
Clean all equipment with Denso Brush cleaner

Special Notes
• This material contains solvents and is inflammable
• Although Denso Epoxy Penetrating Primer is relatively non-toxic, it is recommended that the Normal precautions when dealing with conventional epoxy resin systems are adhered to.
• Refer to the 16 point Material Safety Data Sheet

Cleaning Equipment
All Suitable prepared surfaces to be primed with Denso Epoxy Penetration Primer @6 to 10m²/litre according to manufactures instructions.

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PRIMER TYPE EPOXY

<table>
<thead>
<tr>
<th>Colour</th>
<th>Transparent light amber</th>
</tr>
</thead>
<tbody>
<tr>
<td>Catalyst Type</td>
<td>Polyamide</td>
</tr>
<tr>
<td>Mixing Ratio (By vol.)</td>
<td>Base: Hardener = 4:1</td>
</tr>
<tr>
<td>Mixed Density</td>
<td>1.00</td>
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</table>

Flash Point
Base: 24.0°C.
Activator: 26.0°C

Spread Rate
6-8m²/l

Volume Solids
+/- 40%

Thinner
Denso Epoxy Thinners

Application Method
Airless or conventional spray, brush or roller

Application conditions
Temperature Min. 5°C
Max 50°C
Humidity: Max 85%

Shelf Life
12 months

Packaging
1, 5, and 20, Liters

Drying time (@40μm DFT)

<table>
<thead>
<tr>
<th>Temperature</th>
<th>5°C</th>
<th>10°C</th>
<th>20°C</th>
<th>30°C</th>
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</thead>
<tbody>
<tr>
<td>Temperature</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Surface Dry</td>
<td>3.5Hrs</td>
<td>2.5Hrs</td>
<td>1.5Hrs</td>
<td>1Hr</td>
</tr>
<tr>
<td>Hard Dry</td>
<td>34hrs</td>
<td>24Hrs</td>
<td>14Hrs</td>
<td>10Hrs</td>
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</table>

<table>
<thead>
<tr>
<th>Painting Interval (@40μm DFT)</th>
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</thead>
<tbody>
<tr>
<td>Minimum</td>
</tr>
<tr>
<td>Maximum</td>
</tr>
</tbody>
</table>

| Pot Life | 6Hrs | 6Hrs | 4Hrs | 4Hrs |

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For more information contact Denso Technical Sales on either of the listed telephone numbers;
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