DESCRIPTION
EPOGRIP MMA is a two pack methacrylate resin flexible coating, used for coating asphalt and concrete surfaces. It is designed to provide a slip-resistant, seamless floor finish with protective and decorative properties. The flexible coating is enhanced by the incorporation of blended slip-resistant aggregates remixed in the resin. Epogrip MMA allows a fast return to service.

USES
Epogrip MMA is used as a tough and durable slip-resistant coating for tarmac/asphalt and correctly prepared concrete and steel surfaces. The product is suitable for coating large areas to provide a decorative finish or for marking coloured walkways.

ADVANTAGES
• Tough and hardwearing
• Rapid curing allowing early return to service
• Remains flexible once cured Slip Resistant
• Good water and weathering resistance
• Excellent abrasion and impact resistance
• Cures at low temperatures

TYPICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour</td>
<td>Grey (or any BS4800 or RAL colour)</td>
</tr>
<tr>
<td>Pot Life @ 20°C</td>
<td>15 minutes</td>
</tr>
<tr>
<td>Curing</td>
<td>Foot traffic after 1 hour @ 20°C. Vehicular traffic after 2 hours @ 20°C</td>
</tr>
<tr>
<td>Adhesive Strength to Asphalt</td>
<td>3 MPa (substrate failure)</td>
</tr>
<tr>
<td>Tensile Strength</td>
<td>12 MPa</td>
</tr>
<tr>
<td>Elongation at Break</td>
<td>50%</td>
</tr>
</tbody>
</table>

Chemical Resistance: Excellent resistance to dilute acids and alkalis, oil, petrol, diesel, vegetable oils. Specific advice can be provided by our technical department.

PROCEDURE
Surface Preparation: Asphalt and tarmac surfaces must be clean, dry and free from contaminants. New asphalt and tarmac must be allowed to ‘weather’ to ensure any excess oils have been released. Mechanical preparation is not normally required. Concrete substrates shall be a minimum of 21 days old and the residual moisture content shall be below 6%. Ensure that the concrete is clean and free from dust, laitance, grease, oil, curing compound, and existing paint finishes etc. Blow holes and defective concrete shall be made good using a proprietary repair compound,
eg. Eponite MMA. Suitable mechanical treatment such as vacuum grit blasting, is the preferred method prior to application, as this ensures a good mechanical key. Steel surfaces shall be shot blasted to a nominal Sa 2.5 Swedish standard. All dust and grease shall be removed prior to coating application. If a delay is likely between blasting and application then it is recommended that the steel is primed to obviate flash rusting.

**Priming:** Asphalt substrates do not require priming. Concrete surfaces shall be primed using Epoprime MMA, applied by brush, roller or airless spray at the nominal rate of 0.3kg/M². Long nap lambswool rollers are recommended for primer application. Allow primer to cure for a minimum of 30 minutes.

**Mixing:** Add the CATALYST component to the RESIN component and mix thoroughly, preferably by mechanical means, for a minimum of 2 minutes. A low speed drill with paddle attachment may be used, or else a forced action mixer.

**Application:** Apply Epogrip MMA using short nap perlon or smooth lambswool rollers, at a nominal rate of 1.9kg per M². On open or porous surfaces a second coat may be required.

**Equipment Cleaning:** Clean equipment using Premcrete Cleaning Solvent prior to the coating curing.

**Curing:** Allow to cure for a minimum of 1 hour @ 20°C prior to foot traffic, 2 hours @ 20°C prior to vehicular traffic. For optimum chemical resistance allow 24 hours @ 20°C.

**PACKAGING & COVERAGE**

Pack size: 5 and 10kg packs.
Coverage: A 10kg pack is sufficient to coat an area of 5.25 M² at a rate of 1.9kg/M².

**STORAGE**

Store in dry conditions at temperatures between 10°C and 25°C. Do not expose to freezing conditions.

Epogrip MMA has a minimum shelf life of 12 months if stored in original unopened containers.

Do not expose to freezing conditions.

Epogrip MMA has a minimum shelf life of 12 months if stored in original unopened containers.

**HEALTH AND SAFETY**

Wear gloves and goggles.
Wash off splashes immediately with soap and water.
Please refer to Material Safety Data sheet for additional information.