MACSEAL PL

HOT-APPLIED PARKING LOT JOINT AND CRACK SEALANT

PRODUCT DESCRIPTION

MACSEAL PL is a premium-quality, high-performance, hot-applied, single-component joint and crack sealant.

MACSEAL PL is manufactured using engineered asphalt cements, polymers, oil resins, and UV inhibitors.

MACSEAL PL is uniquely formulated to combat both flow from the joint and pick-up by vehicle tires, foot traffic, skateboards, and roller blade wheels in high surface temperatures.

GENERAL PRODUCT FEATURES

- Cures to a non-tacky finish
- Can be applied over a wide range of temperatures
- Engineered for moderate to cold in-service climate temperatures
- Slightly stiffer in nature and ideal for applications such as driveways, parking lots, bicycle trails, and areas receiving foot traffic
- Works well to fill the larger cracks and for routine maintenance of asphalt and concrete pavements
- Easy to apply via a gravity-fed mechanism (e.g. pour pot, walk behind units, etc.) as well as via pump and hose/wand method
- Adheres very well to both hot mix asphalt and Portland cement concrete
- Engineered specifically for oil jacketed double boiler kettles. Not recommended for direct fire melters.
- Prevents the intrusion of water and incompressibles into the cracks of asphaltic and Portland cement concrete pavements

RECOMMENDED USE

MACSEAL PL is designed for the routine maintenance and preservation of asphalt or concrete pavements on driveways, parking lots, bicycle paths, and walkways.

SPECIFICATIONS AND TYPICAL RESULTS

<table>
<thead>
<tr>
<th>TEST</th>
<th>TYPICAL DATA</th>
<th>SPEC.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cone Pen, 25°C, dmm</td>
<td>43</td>
<td>45</td>
</tr>
<tr>
<td>Resilience, 25°C, %</td>
<td>51</td>
<td>40</td>
</tr>
<tr>
<td>Softening Point, °C</td>
<td>94</td>
<td>93</td>
</tr>
<tr>
<td>Ductility, 25 °C</td>
<td>35</td>
<td>30</td>
</tr>
<tr>
<td>Flow, 60°C, mm</td>
<td>0</td>
<td>-</td>
</tr>
<tr>
<td>Flexibility, -7°C., 25 mm Mandrel</td>
<td>Pass</td>
<td>Pass</td>
</tr>
<tr>
<td>Specific Gravity, 15°C</td>
<td>1.230</td>
<td>-</td>
</tr>
</tbody>
</table>

TEMPERATURE VISCOSITY CHART

CERTIFICATION OF QUALITY

McAsphalt Industries Limited is accredited to the quality management standard ISO 9001, the environmental management standard ISO 14001, and the occupational health and safety standard ISO 45001.

Each lot of MACSEAL PL is produced using the strictest quality, safety, and environmental guidelines. Each production lot is tested to ensure it meets or exceeds all performance requirements and is delivered with a Certificate of Analysis.
APPLICATION GUIDELINES
For detailed **MACSEAL PL** joint and crack preparation or specific application instructions, refer to specifying agency publications or contact an **MCA** representative.

APPLICATION TEMPERATURES
Recommended pouring temperature: 175 to 195°C (347 to 383°F)

Maximum safe heating temperature: 200°C (392°F)

MELTING EQUIPMENT
**MACSEAL PL** must be melted in an oil jacketed double boiler kettle equipped with a mechanical agitator and separate temperature thermometers for both the oil bath and the melting vat.

COVERAGE
**MACSEAL PL** weighs approximately 1.2 kg/L (9.6 lb/gal). A joint 12.7 mm x 12.7 mm (½ x ½ in) requires approximately 17.7 kg/100 linear meters (12.0 lb/100 linear feet).

PACKAGING, STORAGE AND HANDLING
**MACSEAL PL** is available in the following packaging:

- 2 x 11 kg (25 lb) polybags in a high-strength, corrugated cardboard container. **MACSEAL PL** in boxes should be kept in a dry environment.

PRODUCT SUPPORT
With the **MCA Advantage**, you get a partner and advisor who will consult with you about designs, specifications, technical services, processes, and material selection. By developing innovative, custom-designed products that offer additional benefits such as peak performance in unique conditions, improved field performance, and greater environmental and health benefits, the **MCA Advantage** provides significant long-term cost savings, resulting in lower total cost of ownership.