PRODUCT DESCRIPTION

MACSEAL PLW is a hot applied single component joint and crack sealant for pavement maintenance and preservation.

MACSEAL PLW is manufactured using a combination of engineered asphalt cements, polymers, synthetic rubber, recycled rubber, oil resins and UV inhibitors.

MACSEAL PLW is uniquely formulated to not flow from the joint/crack or be picked up by vehicle tires at 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 warm in-service climate temperatures
- It’s slightly stiffer in nature and is 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 gravity type mechanism (e.g. pour pot, walk behind units etc.) as well as via pump and hose/wand method
- Adheres very well to both asphalt or concrete surfaces
- Can be used with oil-jacketed kettles
- Prevents the intrusion of water and incompressibles into the cracks of asphalt or concrete pavements

RECOMMENDED USE

MACSEAL PLW is designed for the routine maintenance and preservation of asphalt 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 RANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cone Pen, 25°C, dmm</td>
<td>33</td>
<td>… – 45</td>
</tr>
<tr>
<td>Resilience, 25°C, %</td>
<td>47</td>
<td>… – 60</td>
</tr>
<tr>
<td>Softening Point, °C</td>
<td>96</td>
<td>93 – …</td>
</tr>
<tr>
<td>Flow, 60°C, mm</td>
<td>0</td>
<td>… – …</td>
</tr>
<tr>
<td>SG, 15°C, %</td>
<td>1.170</td>
<td>… – …</td>
</tr>
<tr>
<td>Recommended Pouring Temperature Range</td>
<td>185°C – 200°C</td>
<td></td>
</tr>
</tbody>
</table>
MACSEAL PLW

PARKING LOT, HOT APPLIED, JOINT AND CRACK SEALANT FOR WARM CLIMATE

APPLICATION GUIDELINES

For detailed MACSEAL PLW joint and crack preparation or specific application instructions, refer to specifying agency publications or contact your MCA representative.

APPLICATION TEMPERATURES

• Recommended Pouring Temperature 185°C – 200°C
• Maximum Heating Temperature 205°C

MELTING EQUIPMENT

MACSEAL PLW should be melted in an oil-jacketed kettle, equipped with mechanical agitator and separate temperature thermometers for both the oil bath and melting vat.

COVERAGE

MACSEAL PLW weighs approximately 9.6 lbs./gal (1.15 kg/L). A joint ½” by ½” (12.7 mm by 12.7 mm) requires approximately 12 lbs. per 100 lineal feet or 17.7 kg per 100 lineal meters.

TEMPERATURE – VISCOITY CURVE

PACKAGING, STORAGE AND HANDLING

MACSEAL PLW is available in the following packaging:

• 2 x 25 lb. (2x11.33 kg) polybags in a high-strength corrugated cardboard container
• Boxes should be stored in a dry environment

CERTIFICATION OF QUALITY

McAsphalt Industries Limited is accredited to the quality standard ISO 9001 and to the environmental standard ISO 14001.

Each lot of MACSEAL PLW 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 it is delivered with a Certificate of Analysis.

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, greater environmental and health benefits, the MCA Advantage provides significant long-term cost savings, resulting in lower "total cost of ownership."