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 combat both flow from the joint and pick-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 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

SPECIFICATIONS AND TYPICAL RESULTS

<table>
<thead>
<tr>
<th>TEST</th>
<th>TYPICAL DATA</th>
<th>SPEC.</th>
<th>Min</th>
<th>Max</th>
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<tbody>
<tr>
<td>Cone Pen, 25°C, dmm</td>
<td>33</td>
<td></td>
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<td>45</td>
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<tr>
<td>Resilience, 25°C, %</td>
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<tr>
<td>Softening Point, °C</td>
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<td>Flow, 60°C, mm</td>
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<td>Specific Gravity, 15°C</td>
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</tr>
</tbody>
</table>

TEMPERATURE VISCOSITY CHART

PACKAGING, STORAGE AND HANDLING

MACSEAL PLW is available in the following packaging:

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

HOT-APPLIED PARKING LOT JOINT AND CRACK SEALANT FOR WARM CLIMATES

RECOMMENDED USE

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

APPLICATION GUIDELINES

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

APPLICATION TEMPERATURES

Recommended pouring temperature: 185 to 200°C (365 to 392°F)

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

MELTING EQUIPMENT

MACSEAL PLW 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 PLW 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).

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