

MACSEAL PLW

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

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.

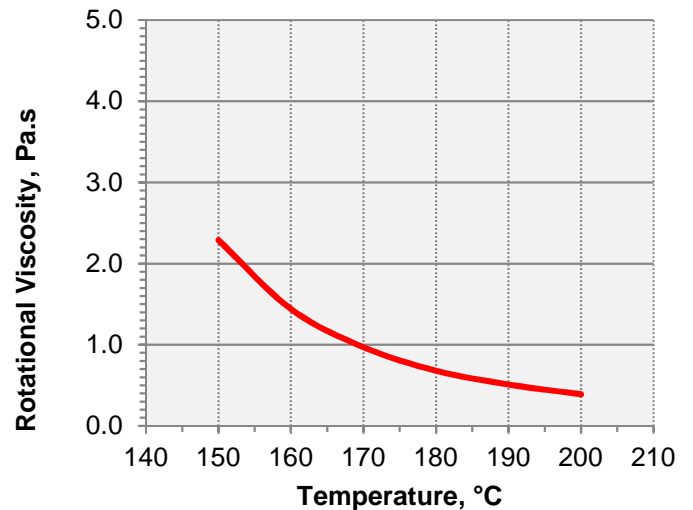
GENERAL PRODUCT FEATURES

- 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

TEST	TYPICAL DATA	SPEC.	
		Min	Max
Cone Pen, 25°C, dmm	33	-	45
Resilience, 25°C, %	47	-	60
Softening Point, °C	96	93	-
Flow, 60°C, mm	0	-	-
Specific Gravity, 15°C	1.170	-	-

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.



MCASPHALT INDUSTRIES LIMITED

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 ISO 9001/14001/45001

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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.



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