

## MACSEAL PLW

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

#### 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

TEST	TYPICAL DATA	SPEC RANGE	
		Min	Max
Cone Pen, 25°C, dmm	<b>33</b>	...	45
Resilience, 25°C, %	<b>47</b>	...	60
Softening Point, °C	<b>96</b>	93	...
Flow, 60°C, mm	<b>0</b>	...	...
SG, 15°C, %	<b>1.170</b>	...	...
Recommended Pouring Temperature Range	<b>185°C – 200°C</b>		

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### 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

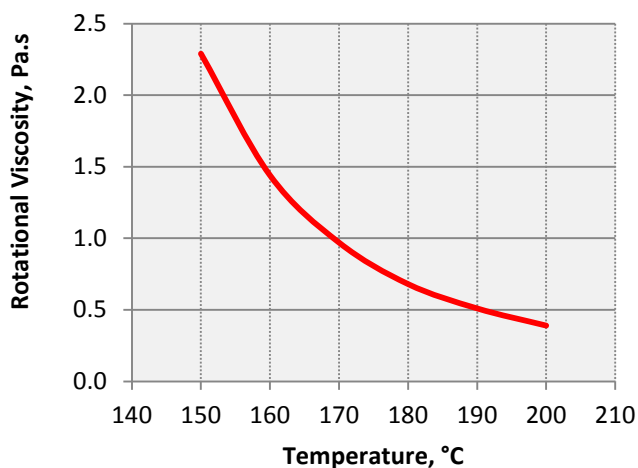
**MACSEAL PLW** should be melted in an oil-jacketed kettle, equipped with mechanical agitator and separate temperature thermometers for both the oil bath and melting vat.

#### 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 – VISCOSITY CURVE

#### MACSEAL PLW



### 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."



#### McASPHALT INDUSTRIES LIMITED

8800 Sheppard Ave East T 416.281.8181 TF 1.800.268.4238  
Toronto, ON M1B 5R4 F 416.281.8842 E info@mcasphalt.com

[mcasphalt.com](http://mcasphalt.com)  
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