

# CRACKMASTER MASTIC ROADS

**SMT-288**

REVISED 04/01/21

## PRODUCT DESCRIPTION

CrackMaster Mastic Roads is a hot-applied polymer modified asphalt mixed with specially designed aggregate and modifier combinations that is chosen to properly fill wide cracks and defects, thus allowing for prevention of water infiltration while restoring and improving traffic quality.

## RECOMMENDED USES

CrackMaster Mastic Roads is designed as a long-term repair solution for wide thermal cracks, fatigue cracking, rutting and depressed, broken-up areas. CrackMaster Mastic Roads can be used on streets & roads in all climates.

## PERFORMANCE CHARACTERISTICS

Table 1 - Physical Properties Of CrackMaster Mastic Roads		
ASTM	Test Description	Result
D5329	Cone Penetration 77°F (150G/5s)	60 Max
D36	Softening Point	200°F Min
D3111	Flexibility 1" Mandrel: 90° bend 2s	Pass 20°F (7°C)
D5329	Tensile Adhesion: 77°F/25°C	400% min
D5329	Resilience: 77°F/25°C	40% min
	Asphalt Compatibility	Compatible
	Recommended Application Temp	380°F
	Maximum Heating Temp	400°F

## SPECIFICATIONS

ASTM-D8260-20

## USAGE GUIDELINES

Read and follow application instructions before use. This product must be heated using indirect heating methods, either a double boiler or hot oil circulating kettle. Equipment must be capable of maintaining constant agitation to the material to keep aggregate suspended evenly.

## SURFACE PREPARATIONS

Proper surface preparation facilitates adequate adhesion and consequently the maximum life of the mastic sealant. In order for proper adhesion, the crack/joint must be free of moisture, dust, loose aggregate, and other contaminants. The substrate and air temperatures must be 40°F or above and rising. Use oil-free compressed air and heat to clean and dry the joint immediately prior to sealing.

## MELTING AND APPLICATION PROCEDURES

The melting kettle should be a double boiler or

conventional oil jacketed unit equipped with an agitator and temperature control devices for both the material and heat transfer oil. Carefully insert small quantities of CrackMaster Mastic Roads into the melting equipment while the agitator is turned off. Load material slowly to avoid splash back. After the initial load has reached the recommended pouring temperature, fresh material may be added to the melter as required. Melt only the material that will be used during that day. Purge material remaining in the kettle lines at the end of each sealing operation. The material may be safely reheated and can be applied using a pressure feed wand system or a pour pot.

## PACKAGING AND AVAILABILITY

CrackMaster Mastic Roads is packed in 40 lb. polybags in a high strength corrugated box. Each pallet contains 56 boxes of approximately 2,240 pounds.

## WARRANTY AND DISCLAIMER

The statements made on this technical data sheet are believed to be true and accurate and are intended to provide a guide for approved application practices. As workmanship, weather, construction, condition of pavement, tools utilized, and other variables affecting results are all beyond our control, the manufacturer warrants only that the material conforms to product specifications and any liability to the buyer or user of this product is limited to the replacement value of the product only. The manufacturer expressly disclaims any implied warranties of merchantability or fitness for a particular purpose.