

CRACK RITE PL 500

HOT POUR DIRECT FIRE JOINT SEALANT

Description: CRACK RITE PL 500 is a high quality joint and crack sealant designed for asphalt and cement pavements. PL 500 designed to be an effective and economical method to extend the life of asphalt or cement pavements. PL 500 will prevent water penetration which will protect from pavement degradation, potholes and eventual failure. PL 500 is formulated with polymer rubbers, stabilizers, plasticizers, filler and asphaltic resins. PL 500 is hot applied and is a one part material that will stand the test of time in cold weather and freeze thaw cycles. PL 500 sets up quickly for high traffic parking lots, resists 'softening' in warm weather climates but will remain flexible in cold weather climates

Recommended Uses: PL 500 is recommended for sealing joints and cracks on parking lot, highway, street, airport taxi ways and driveways (blacktop or concrete.) PL 500 is relatively hard and has a high softening point which makes it suitable for parking lot application. It is designed to seal expansion joints, longitudinal and transverse cracks, joints between asphalt and concrete ... and random cracks.

Surface Preparation: In order to ensure adhesion and achieve maximum performance it is important to properly prepare the surface. The joint or crack must be free of moisture, dirt, dust and loose aggregate. The pavement surface and outdoor temperature must be 40° F or above. To clean out the crack or joint properly we recommend air blowing, routing or sandblasting. Use oil-free compressed air and heat to clean and dry the joint immediately prior to sealing. Joints/Cracks should be sized so that the maximum adhesion and compression do not exceed 50% of the width. Best results are obtained when the joints or cracks are opened at least 1/2" in width.

Melting and Application: **Note: ALWAYS wear eye protection, gloves and long sleeve clothes and pants when using PL 500.** The melting kettle can be a conventional oil jacketed unit or a direct fire kettle with mechanical agitation and temperature control devices. Carefully insert small quantities (PL 500 comes in 25 lb. blocks) of PL 500 and the plastic bag into the melting equipment while the agitator is turned OFF. Load the material in SLOWLY to avoid splashing. After the initial load has reached the recommended pouring temperature, fresh material may be added to the melter as the sealant is used. Melt only the material that will be used during the 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.

Note: The temperature of the heat transfer oil should not exceed 535°F. Do not heat PL 500 above the maximum heating temperature and do not maintain it at that temperature for prolonged periods of time. This could cause the material to gel in the equipment or fail in the joints/cracks. A significant viscosity increase accompanied by stringiness signals the approach of gelation. If this occurs, immediately remove the material from the melter and dispose of it.

**RAPID MELT
FORMULA**

SELF-LEVELING

FLEXIBLE TO -10° F

**EXCELLENT
ADHESION**

**TRAFFIC READY
15 MIN**

RESISTS TRACKING

SPECIFICATIONS:

ASTM-D1190
ASTM-D6690 Type I
AASHTO-M173
AASHTO-M324 Type I
Fed.Spec. SS-S-1401

COVERAGE:

Width	Depth	Lbs./100 Linear Feet
3/8"	3/8"	6.9
3/8"	1/2"	9.3
1/2"	1/2"	12.3
1/2"	1"	24.7
3/4"	1/2"	18.5
3/4"	3/4"	27.8

PACKAGING:

PL 500 is packaged in 2-25 lb. poly bags in a 50lb. high strength corrugate box. Each pallet contains 36 boxes and weighs approximately 1,850 lbs. Pallet is 48"Lx48"W



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