



QPR® 6690 HOT-APPLIED ASPHALT CRACK FILLER INSTALLATION INSTRUCTIONS

DESCRIPTION:

QPR® 6690 Hot-Applied Crack Sealer is a single component, hot applied crack and joint sealant. When melted and properly applied it forms a resilient crack sealant for both asphaltic and cementitious pavements. QPR® 6690 Hot-Applied Crack Sealer meets ASTM D3405, ASTM-D6690 Type II and III, AASHTO-M301.

USES:

QPR® 6690 Hot-Applied Crack Sealer is designed to seal expansion joints, longitudinal and transverse cracks, joints between concrete and asphalt shoulders, and random cracks in both asphalt and concrete pavements.

COVERAGE:

Use the following chart as a guideline for estimating material requirements (based upon pounds of material needed for 100 feet of cracks). NOTE: The coverage rates are only a guideline. Actual material usage may vary due to width of application and thickness of material above pavement surfaces.

Crack Width	Depth	lbs/100ft
3/8"	3/8"	6.9 lbs.
3/8"	1/2"	9.3 lbs.
1/2"	1/2"	12.3 lbs.
1/2"	1"	24.7 lbs.
3/4"	1/2"	18.5 lbs.
3/4"	3/4"	27.8 lbs.

PRECAUTIONS: Cracks must be free from moisture, dust, dirt, and debris. Both substrate and air temperature must be above 40°F. Keep boxes of material dry during storage. Do not store in direct sunlight.

INSTALLATION:

Proper surface preparation will facilitate adequate adhesion and consequently the maximum service life of the sealant. The crack must be free from moisture, dust, and loose aggregate. Routing or wire brushing are preferred methods followed by a compressed air heat lance immediately prior to sealing. The substrate and air temperature must be above 40°F.

METHODS: QPR® 6690 Hot-Applied Crack Sealer shall be melted in a conventional oil-jacketed unit equipped with an agitator and temperature control device for both material and heat transfer oil or our QPR Direct Fire Melter. Carefully insert blocks of material (with plastic bag) into melting equipment with agitator turned off. Load material slowly to avoid splashing. After the initial load of material has reached the recommended pouring temperature (370-390°F), fresh material may be added as sealant is used. Melt only enough material that will be used the same day. Avoid overheating material. Excessive heat could cause material to gel in the equipment or fail in crack and joints. 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.

IMPORTANT: Protective apparel is recommended with application of QPR® 6690 Hot-Applied Crack Sealer. The extremely hot material will cause severe burns on contact with skin. OSHA Safety Regulations require workers to wear the following types of safety attire (see current OSHA/Safety Regulations for additional information): Hard hat with face shield; long sleeved shirt buttoned at the wrist; heat resistant gloves; long, cuffless pants; and safety toed work boots. Make certain all area around melter is clear of all debris and flammable materials. Avoid breathing vapors. Use with adequate ventilation.

MIXING PROCEDURES: Use material as supplied. Do not blend with other materials. After QPR® 6690 Hot-Applied Crack Sealer is melted it should be agitated or recirculated.

APPLICATION: Apply heated QPR® 6690 Hot-Applied Crack Sealer using either a pump and wand system or a pour pot. For best results the sealant depth to width ratio should not exceed 2 to 1 (i.e. 2-inches deep to 1-inch wide). The cooled sealant height should not exceed 1/8" above surrounding pavement. Using a sealing shoe or squeegee.

CLEAN UP:

Wash tools before material dries.

WARRANTY:

QPR warrants that QPR® 6690 Hot-Applied Crack Sealer meets the chemical composition and performance requirements set forth in the MSDS (available on our website). Liability to the buyer or user of this product is limited to the replacement value of the product only. Use of any other material in conjunction with QPR® 6690 Hot-Applied Crack Sealer will void your warranty.

SAFETY AND ENVIRONMENTAL:

- Refer To Safety Data Sheet Before Using
- For Exterior Application Only
- Apply In A Well Ventilated Area
- Environmental Information Is On The Material Safety Data Sheet
- Keep Out Of Reach of Children
- Avoid Breathing Vapors And Contact With Eyes And Skin. Do Not Take Internally
- Wear Eye Protection And Full Covering Clothing When Applying



For SDS, Material Specs and Installation Quick Tips visit

QPRUSA.com