



PRODUCT NAME

QPR 6690[®]
Hot Pour Crack Filler

MANUFACTURER

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PRODUCT DESCRIPTION & BENEFITS

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

Basic Uses: QPR 6690 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.

Composition: As supplied, QPR 6690 is supplied in solid blocks comprised of asphaltic resins and synthetic polymer rubber.

Sizes: QPR 6690[®] is supplied in 50 in 50 lb. cardboard cartons containing two 25 lb. blocks of material per carton.

Color: Black.

Limitations: Do not overheat material.

Cracks must be free from moisture, dust, loose aggregate and other contaminants prior to application.

TECHNICAL DATA

QPR 6690[®] meets the following material requirements when tested in accordance with ASTM D6690 Type II & III, ASTM D3405, and SS-S-1401C (see chart below).

Environmental Considerations: QPR 6690[®] is considered a non-hazardous material.

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[®] can be melted in a direct fire kettle or conventional oil-jacketed unit equipped with an agitator and temperature control device for both material and heat transfer oil. Carefully insert blocks of material (with plastic bag) into melting equipment with agitator turned on. 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[®]. 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, cuss pants; and safety toed work boots. Make certain all area around melter is clear of all debris and ammal materials. Avoid breathing vapors. Use with adequate ventilation.

Mixing Procedures: Use material as supplied. Do not blend with other materials. After QPR 6690[®] is melted it should be agitated or recirculated.

Application: Apply heated QPR 6690[®] 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, band the

Chemical & Physical Analysis

Recommended Pour Temperature	370-390 °F
Maximum Heating Temperature	90 Max.
Resiliency	60% Min.
Flow at 140 °F	3 mm Max.
Bond: -20 °F/50% Ext	Passes 3 cycles
Bond: 0 °F/100% Ext.	Passes 3 cycles
Bond, water immersed	Passes 3 cycles at 50% ext. at -29 °C
Specic Gravity	1.14
Asphalt Compatibility	Compatible
Viscosity	35 ± 20 poise

material 2 to 3 inches wide over the crack.

Estimating Material Requirements: Use the following chart as a guideline for estimating material requirements (based upon pounds of material needed for 100 feet of cracks):

Crack Width	Depth	lbs/100feet
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.

The above coverage rates are only a guideline. Actual material usage may vary due to width of application and thickness of material above pavement surfaces.

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.

AVAILABILITY

Availability: QPR 6690[®] Hot Pour Crack Filler is available in select Lowe's Home Improvement stores across the US. Visit www.Lowes.com for nationwide availability.

WARRANTY

QPR warrants that QPR 6690[®] meets the chemical composition and performance requirements set forth in section 4. Liability to the buyer or user of this product is limited to the replacement value of the product only.

TECHNICAL SERVICES

Manufacturer: Complete product specifications, material safety data sheets, and technical assistance is available from QPR.

The statements made on this specification 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. Warranty is void on multi-coat applications if material made by other manufacturers is used with this product.

Model #: LLF08

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