



INFRATECH POLYMERS INC.

Environmental Highway Products

UNIT #4 19747 TELEGRAPH TRAIL LANGLEY BC CANADA V1M 3E6
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PRODUCT DATA SHEET

BI-CRACKEE® 3405 CRACK SEALANT

June 1998

READ BEFORE USING THIS PRODUCT

GENERAL

INFRATECH POLYMERS BI-CRACKEE® 3405 Crack Sealant is a single component, high quality hot pour petroleum based pavement crack and joint sealant which is specially formulated to meet all requirements of ASTM D3405 and AASHTO M301. The sealant exceeds requirements of ASTM D1190. AASHTO M173 and Federal Specification SS-S-164.

BI-CRACKEE® 3405 is supplied in solid block form which is easily melted. When properly applied, BI-CRACKEE® 3405 will form a long lasting resilient seal which is flexible and extensible at sub-zero temperatures and resists tracking at hot summer temperatures.

BI-CRACKEE® 3405, when melted, can be applied to pavement cracks and joints using either pressure feed melter applicator units or pour pots. BI-CRACKEE® 3405 is ideally suited for sealing cracks and joints in both asphalt and portland cement concrete pavements.

SPECIFICATION CONFORMANCE

Specification limits for BI-CRACKEE® 3405 when tested for conformance with ASTM D3405 are:

Test	ASTM D3405 Spec. Limits
Cone Penetration, 25°C (77°F)	90 max.
Flow, 60°C (140° F)	3 mm max.
Resilience, 25°C (77°F)	60% min.
Bond, -28.8°C(-20°F), 50% ext.	Pass 3 cycles
Bond, -17.7°C (0°F), 100% ext.	Pass 3 cycles
Asphalt Compatibility	Compatible
Recommend Pour Temperature	180°C-200°C(360°F-390°F)
Safe Heating Temperature	210°C (410°F)

APPLICATION

The unit weight of BI-CRACKEE® 3405 is 1.15 kg/l @ 15°C (9.6 lbs. Per U.S. gallon at 60°F) 12 lbs. of material is required to fill 100 feet of a 1/2" x 1/2" joint. For detailed application procedures refer to the Infratech Polymers Inc. application Instructions for BI-CRACKEE® 3405 Crack Sealant.

PACKAGING

Packaging of crack sealant consists of individual pucks of sealant which are palletized into shipping units each weighing approximately 1 tonne (2400 pounds). Sealant is sold by the net pallet weight. Several alternate packaging types are available on a special order basis.

AVAILABILITY AND COST

For prices and to order BI-CRACKEE® 3405, contact your local Infratech Polymers Inc. Distributor or Infratech Polymers Inc.

WARRANTY

INFRATECH POLYMERS INC. warrants that BI-CRACKEE® 3405 Crack Sealant meets applicable ASTM, AASHTO, Federal or State specifications at time of shipment. Techniques used for the preparation of the cracks and joints prior to sealing are beyond our control as are the use and application of the sealant, therefore, Infratech Polymers Inc. shall not be responsible for improperly applied or misused sealant.

TECHNICAL INFORMATION

Please contact our Product Research Department for detailed Technical Data and information about our full product range. (1-800-567-4888

BI-CRACKEE® 3405 CRACK SEALANT CONTAINS 50% RECYCLED MATERIALS

DISTRIBUTED BY: CANADIAN CONSTRUCTION PRODUCTS 604-888-7171

No Other Warranty Of Any Kind Is Made By The Seller, Express Or Implied, Statutory, By Operation Or Law, Or Otherwise, Including Merchantability And Fitness For A Particular Purpose