



INFRATECH POLYMERS INC.

Environmental Highway Products

UNIT #4 19747 TELEGRAPH TRAIL LANGLEY BC CANADA V1M 3E6
 (604) 888-8808 1-800-567-4888 www.infratech.com
 Fax (604) 888-8191

PRODUCT DATA SHEET

INFRA-EVA-PAVE™ POLYMER BINDER Grade I

July, 1998

READ BEFORE USING THIS PRODUCT

GENERAL

INFRA-EVA-PAVE™ POLYMER BINDER is Ethylene/Vinyl/Acetate Copolymers thermoplastic elastomer modified paving grade asphalt binder. Asphalt cement is modified by Infratech Polymers Inc. and delivered to the customers as one component homogeneous binder, ready to use by conventional plants and equipment. **INFRA-EVA-PAVE™ POLYMER BINDER** has dramatically improved physical properties compared to the conventional asphalt cements. Binder can be used in hot mix road paving (dense graded or open graded noise absorbent road surfaces), in base courses and rehabilitation, in surface treatment (chip seal), waterproofing membrane (SAM and SAMI) and other emulsified asphaltic products.

SPECIFICATION CONFORMANCE

The **INFRA-EVA-PAVE™ POLYMER BINDER** shall be Ethylene/Vinyl/Acetate Copolymer modified paving grade asphalt cement. Binder shall be homogeneous and ready to use by conventional plants and equipment. Ethylene/Vinyl/Acetate copolymer shall be compatible with asphalt cements to be used. Polymer has to be completely dissolved, giving the binder with improved physical properties.

Property:

Specification

CUSTOM DESIGNED TO MEET YOUR PERFORMANCE REQUIREMENTS.

Meets or Exceeds SHRP PG 64-28

PROPERTIES

1. Strongly reduced thermo-susceptibility.
2. Superior fatigue life.
3. Resistant to flow at high temperatures.
4. Better deformation resistance at high temperature.
5. Optimum adhesion to aggregates.
6. Noise reduction.
7. Increased stiffness modulus at high temperature.
8. Improved tensile strength and elongation.
9. Excellent waterproofing properties.
10. Fast equipment clean up.
11. Very stable for long distant hauling.

Binder properties can be optimized depending on the end use required.

INSTALLATION

No special equipment is needed for handling the **INFRA-EVA-PAVE™ POLYMER BINDER**. Binder can be immediately used by the asphalt plant, applicator, distributor or can be stored in heated tanks for later use. If storage time is expected to exceed two days, storage tank shall be equipped with mixing blades or circulating equipment.

WARRANTY

INFRATECH POLYMERS INC. warrants that **INFRA-EVA-PAVE™ POLYMER BINDER** meets applicable ASTM, Federal State or Provincial specifications at time of delivery.

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

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.

DISTRIBUTED BY: CANADIAN CONSTRUCTION PRODUCTS 604-888-7171