

EnFlex Crack Sealant

READ BEFORE USING THIS PRODUCT

INTRODUCTION TO USE: EnFlex™ Crack Sealant (Enflex) crack sealant is a hot-applied, asphalt based product used to seal cracks and joints in asphalt pavements in variety of climates. Enflex is provided in boxes and is a semi-solid material which when melted & properly applied provides superior pavement waterproofing. The sealant has excellent sidewall adhesion, flexibility, and cohesion which achieves a flexible bonded membrane that does not have summertime tackiness while also providing wintertime flexibility and membrane relaxation. Enflex is ideal for highway, street, and airport applications. It is applied to pavement cracks using traditional hot melt crack sealant application equipment. A key consideration for successful use of Enflex is application temperature and in turn, product viscosity. Enflex has a steep viscosity curve and requires consistent heating and melting prior to placement. Enflex is formulated with the highest quality additives and materials to ensure long lasting and aesthetically pleasing results. The product line has been formulated and manufactured throughout the world for over fifteen years.

USAGE CLIMATIC CONDITIONS: Enflex can be used as a crack sealant or crack filler in a wide range of weather conditions. Please consult the chart to determine if this product meets your pavement temperature threshold.

**Dallas Texas Climate
Region
SG 76(30)-10**

AASHTO M320-16 GUIDELINES: Modified Climatic Binder Performance Tests for Crack Sealants

Test	Limits or Tolerance
High Temperature - Jnr, 80°C, 1/KPa	2.0, T _{HT} < 58
Intermediate Temperature. - G*, MPa (minimum)	0.10
Intermediate Temperature - δ,degrees (minimum)	42
Low temperature - G*, MPa (maximum)	100
Low temperature. - δ,degrees (minimum)	30
Glover-Rowe (G-R) Ratio (maximum)	5
ASTM C794 Adhesion in Peel to Mortar lbs-force (minimum)	20

ASTM D 6690 GUIDELINES: For Reference salient tests performed on the product

Test	Limits or Tolerance
Cone Penetration (ASTM D5329)	25-45
Resilience (%) (ASTM D5329)	45 min.
Softening Point (°C) (ASTM D36)	94 min.
Ductility, 4°C (cm) ASTM D113)	30 min.
Flexibility, 1/8" mandrel (°C) (ASTM D3111)	-11
Viscosity, 350°F (177°C) (cp) (ASTM D2669)	5,000 max
Asphalt Compatibility (ASTM D5329)	Pass
Minimum Application Temperature (°F)	350

INSTALLATION: Enflex has a density of 1.25 (Water=1). Prior to use, user should consult various application equipment guidance sheets and training to insure safe application procedures are used. Additionally, please consult your Environmental, Health, & Safety professional to review appropriate hot works procedures and personal protection equipment associated with hot pour crack sealing, and inspect equipment maintenance and manuals/diaries to insure it's in good working order.

PACKAGING: packaging consists of release coated cardboard boxes containing approximately 25 lb. - Sold in Pallet and truckload quantities

WARRANTY: We warrant that our products meet the various tests listed on this product bulletin. Techniques associated site preparation and product handling may be outside of our ability to manage; we will work aggressively to assist the end-user in the event of failure.