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**READ BEFORE USING THIS PRODUCT**

**GENERAL**

Crafco Fiber Asphalt Sealant 540 is a blend of high-quality polymer modified asphalt sealant and polyester fibers that complies to Ohio DOT specification "Hot-Applied Crack Seal 423 Type IV" sealant. The sealant offers advantages of both types of modification systems. Polymer modification adds adhesion, low temperature flexibility and high temperature pick-up resistance, while fiber modification improves wearing resistance and application characteristics. Fiber Asphalt Sealant 540 is supplied in solid blocks in polyethylene lined boxes. To use, the sealant is simply removed from the boxes, placed in an appropriate melter applicator unit, heated to application temperature, and then applied to the pavement. Fiber Asphalt Sealant 540 is used for filling cracks in asphalt and concrete pavements in moderate to cold climates. VOC = 0 g/l.

**SPECIFICATION CONFORMANCE**

Crafco Fiber Asphalt Sealant 540 is a blend of high-quality polymer modified asphalt sealant and a minimum of 2% by weight of polyester fibers:

<b>Modified Asphalt Sealant Binder</b>	<b>Test Method</b>	<b>Properties</b>
Cone Penetration @ 77 °F (25 °C)	ASTM D5329	50-90 units
Ductility @ 77 °F (25 °C)	ASTM D113	40 cm minimum
Bond @ 0 °F (-18 °C), 100% ext., 12.7 mm sample	ASTM D5329	Pass 5 cycles
Flow @ 140 °F (60 °C)	ASTM D5329	1.0 cm maximum
Resilience @ 77 °F (25 °C)	ASTM D5329	25-60%
Asphalt Compatibility	ASTM D5329	Pass
Minimum Application Temperature		380 °F (193 °C)*
Maximum Heating Temperature		400 °F (204 °C)*

\*Temperature of product measured at pavement surface. Use the highest Minimum Application Temperature in cool weather.

\*Prolonged heating at or above Maximum Heating Temperature may severely damage product.

<b>Fiber</b>	<b>Properties</b>
Type	Polyester
Denier	3 to 6
Length	¼ +/- 0.02 inch (6.35 +/- 0.51 cm)
Specific Gravity	1.32 to 1.40
Melt Temperature	475 °F (246 °C) min
Tensile Strength	70,000 PSI min
Crimps	None
Ignition Temperature	1000°F min

Specification limits for the blended Crafco Fiber Asphalt Sealant 540 when heated to safe heating temperature in accordance with ASTM D5167 are:

<b>Test</b>	<b>Blended Asphalt Sealant 540 Specification</b>
Workability	Capable of being melted and applied through a pressure feed, indirectly heated, agitated Melter.
Softening Point (ASTM D36)	190 °F (88 °C) min
Cone Penetration, 77 °F (25 °C) (ASTM D5329)	25-45 units
Flexibility, 1" (25 mm) -20 °F (-29 °C)	
90° bend, 10 sec	Pass
Viscosity, 400 °F (204 °C) (ASTM D4402)	3000 cp min.
Minimum Application Temperature	380 °F (193 °C)
Maximum Heating Temperature	400 °F (204 °C)

**INSTALLATION**

The unit weight of Crafco Fiber Asphalt Sealant 540 is 9.5 lbs per gallon (1.14 kg/L) at 60 °F (15.5 °C). Prior to use, the user must read and follow Installation Instructions for Poly-Fiber, Fiber Asphalt, and High Slope Products to verify proper product selection, heating methods, pavement preparation procedures, application geometry, usage precautions and safety procedures. These instructions are provided with each pallet of product.

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## PACKAGING

Product is supplied in either cardboard boxes, or in meltable boxless packaging. Both package types are labeled in accordance with OSHA, GHS, and specification requirements; are sold by net weight; are interlock stacked on 48 x 40 in. (122 x 102 cm) 4-way pallets; can be stored outside; and are covered with a weather resistant pallet cover and 2 layers of UV protected stretch wrap.

- **BOX** packaging consists of cardboard boxes containing 30 lbs. (13.6 kg) of product with 75 boxes per pallet, weighing approximately 2250 lbs. (1020 kg). Boxes contain a quick melting release film for easy removal and are taped closed, without any staples.
- **Meltable** packaging consists of approximately 30 lbs. (13.6 kg) completely meltable packages that are interlocked stacked on pallets. To use, the pallet wrap is removed, and individual blocks are placed in the Melter. There are no individual cardboard boxes to open, empty, handle, or dispose of. Meltable packaging quickly melts into the product without affecting specification conformance. Meltable packaged sealant products are sold by the pallet only and individual packages are not intended for sale. For more details on meltable packaging go to <https://crafco.com/materials-documentation/>

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## WARRANTY

CRAFCO, Inc. warrants that CRAFCO products meet applicable ASTM, AASHTO, Federal or State specifications at time of shipment. Techniques used for the preparation of the cracks and joints prior to sealing or filling are beyond our control as are the use and application of the products; therefore, CrafcO shall not be responsible for improperly applied or misused products. Remedies against CrafcO, Inc., as agreed to by CrafcO, are limited to replacing nonconforming product or refund (full or partial) of purchase price from CrafcO, Inc. All claims for breach of this warranty must be made within three (3) months of the date of use or twelve (12) months from the date of delivery by CrafcO, Inc. whichever is earlier. There shall be no other warranties expressed or implied. **For optimum performance, follow CrafcO recommendations for product installation**