

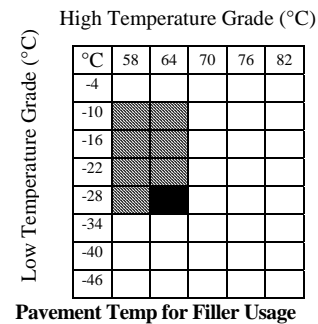
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READ BEFORE USING THIS PRODUCT

GENERAL Crafcro 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.

USAGE GUIDELINES Fiber Asphalt Sealant 540 pavement temperature performance limits are 64-28 for crack filling. Usage recommendations are shown in Crafcro pavement temperature grade charts shown at the right. Refer to Crafcro Product Selection Procedures to determine sealant or filler use and pavement temperature grades.

	Suited for Use
	Recommended
	Performance Limits
	Not Recommended



SPECIFICATION CONFORMANCE

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

Modified Asphalt Sealant Binder

- Cone Penetration @ 77°F (25°C)
- Ductility @ 77°F (25°C)
- Bond @ 0°F (-18°C), 100% ext., 12.7 mm sample
- Flow @ 140°F (60°C)
- Resilience @ 77°F (25°C)
- Impact @ 0°F (-18°C)
- Compression Recovery
- Asphalt Compatibility
- Recommended Application Temperature
- Maximum Heating Temperature

Test Method

- ASTM D5329
- ASTM D113
- ASTM D5329
- ASTM D5329
- ASTM D5329
- MN DOT
- MN DOT
- ASTM D5329
- ASTM D5167
- ASTM D6690

Properties

- 50-90 dmm
- 40 cm minimum
- Pass 5 cycles
- 1.0 cm maximum
- 25-60%
- Pass
- .40 minimum
- Compatible
- 380°F (193°C)*
- 410°F (210°C)*

*Temperature of product measured at pavement surface. Use highest Recommended Application Temperature in cool weather.
*Prolonged heating at or above Recommended Application Temperature may severely damage product.

Fiber

- Type
- Denier
- Length
- Specific Gravity
- Melt Temperature
- Tensile Strength
- Crimps
- Ignition Temperature

Properties

- Polyester
- 3 to 6
- ¼+/-0.02 inch (6.35+/-0.51cm)
- 1.32 to 1.40
- 475°F (246°C) min
- 70,000 PSI min
- None
- 1000°F min

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

Test

- Minimum Application Temperature
- Maximum Heating Temperature
- Workability
- Softening Point (ASTM D36)
- Cone Penetration, 77°F(25°C)(ASTM D5329)
- Flexibility, 1" (25mm) -20°F (-29°C)
- 90° bend, 10 sec
- Viscosity, 400°F (204°C) (ASTM D4402)

Blended Asphalt Sealant 540 Specification

- 380°F (193°C)
- 400°F (204°C)
- Capable of being melted and applied through a pressure feed, indirect heated, agitated melter.
- 190°F (88°C)min
- 25-45
- Pass
- 3000 cp min.

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.

PACKAGING Packaging consists of individual boxes of product which are palletized into shipping units. Boxes contain a non-adherent film which permits easy removal of the product. Each pallet contains 72 boxes which are stacked in six layers of 12 boxes per layer. The weight of product in each box does not exceed 40 lbs. (18 kg) and pallet weights do not exceed 2,880 lbs. (1310 kg). Pallets of product are weighed and product is sold by the net weight of product. Product boxes are manufactured from double wall kraft board producing a minimum bursting test certification of 350 psi (241 N/cm²) and using water resistant adhesives. Boxes use tape closure and do not contain any staples. Boxes are labeled with the product name, part number, lot number, specification conformance, application temperatures and safety instructions. Palletized units are protected from the weather using a three mil thick plastic bag, a weather and moisture resistant cap sheet and a minimum of two layers of six month u.v. protected stretch wrap. Pallets are labeled with the product part number, lot number and net weight. Installation Instructions are provided with each pallet in a weather resistant enclosure.

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**