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PRODUCT DATA SHEET

FIBER ASPHALT SEALANT 540

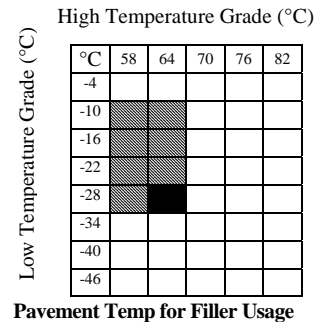
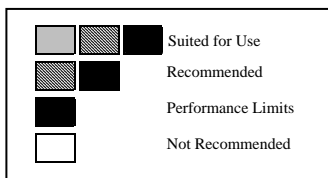
PART NO. 34540

JANUARY 2008

READ BEFORE USING THIS PRODUCT

GENERAL Crafco Fiber Asphalt Sealant 540 is a blend of high quality polymer modified asphalt sealant and polyester fibers. 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 Crafco pavement temperature grade charts shown at the right. Refer to Crafco Product Selection Procedures to determine sealant or filler use and pavement temperature grades.



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:

Fiber

Type
 Denier
 Length
 Specific Gravity
 Melt Temperature
 Tensile Strength
 Elongation at Break

Properties

Polyester
 3 to 5
 1/4 inch (.6cm)
 1.38
 478°F – 490°F (248°C – 254°C)
 78,000 - 88,000 PSI (53708 - 60632 N/cm²)
 35 - 38%

Modified Asphalt Sealant Base

Penetration, 77°F (25°C) (ASTM D5)
 Softening Point, (ASTM D36)
 Resilience, 77°F (25°C) (ASTM D5329)
 Flash Point (ASTM D92)
 Viscosity 400°F (204°C) (ASTM D4402)

Properties

110 max.
 158°F (70°C) min.
 25-60%
 425°F (218°C) min.
 3000cp max.

Specification limits for the blended Crafco 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

350°F (177°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
 4000 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**