

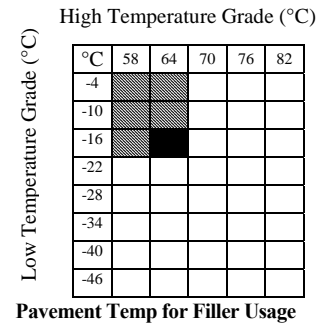
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READ BEFORE USING THIS PRODUCT

GENERAL Crafcro Poly-Fiber 544 is a single hot-applied fiber modified asphalt based product used to fill cracks in asphalt concrete pavements in moderate climates. Poly-Fiber 544 is supplied in solid form which when melted and properly applied forms a highly adhesive and flexible compound that resists cracking in the winter and resists flow at summer temperatures. Poly-Fiber 544 is used in highway, street and airfield pavements and is applied to pavement cracks using pressure feed melter applicators. At application temperature Poly-Fiber 544 is a highly viscous, non self-leveling product. It is designed as an overband crack filler that can be applied prior to chip seal, slurry seal and micro surface treatments. The asphalt base used in Poly-Fiber 544 is polymer modified which improves both low and high temperature properties compared to fiber type products using non-modified asphalts. Since Poly-Fiber 544 is a plant blended product, problems associated with field blending of fibers are eliminated. VOC = 0 g/l.

USAGE GUIDELINES Poly-Fiber 544 pavement temperature performance limits are 64-16 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.

	Not Recommended
	Performance Limits
	Recommended
	Suited for Use



SPECIFICATION CONFORMANCE

Crafcro Poly-Fiber 544 contains polyester fibers blended with high quality modified asphalt cement:

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%

Specification limits for Crafcro Poly-Fiber 544 modified asphalt base sealant when heated in accordance with ASTM D5078 are:

Test

Cone Penetration, 77°F (25°C) (ASTM D5329)
Resilience (ASTM D5329)
Softening Point (ASTM D36)
Ductility 77°F (25°C) (ASTM D113)
Flexibility (ASTM D3111 Modified)
Flow, 140°F (60°C) (ASTM D5329)
Brookfield Viscosity, 400°F (204°C) (ASTM D2669)
Asphalt Compatibility (ASTM D5329)
Bitumen Content (ASTM D4)
Tensile Adhesion (ASTM D5329)
Maximum Heating Temperature
Minimum Temperature

Specification Limits

35-55
40% min.
200°F (93°C) min
30cm min
Pass at 20°F (-7°C)
3 mm max.
100 Poise max.
Pass
60% min.
500% min.
400°F (204°C)
380°F (193°C)

INSTALLATION

The unit weight of Crafcro Poly-Fiber 544 is 10.0 lbs per gallon (1.20 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**