

READ BEFORE USING THIS PRODUCT

GENERAL

Crafco Poly-Fiber Type 3 is a hot-applied fiber modified asphalt-based product used to fill cracks in asphalt or Portland cement concrete pavements in moderate to cold climates. Poly-Fiber Type 3 is supplied in solid form which when melted and properly applied forms a highly adhesive and flexible compound that resists winter cracking and resists flow at summer temperatures. Poly-Fiber Type 3 is used in highway, street and airfield pavements and is applied to cracks using pressure feed Melter applicators. Crafco Poly-Fiber Type 3 sealant contains fibers and is suitable for sealing joints and cracks in sloping surfaces. Crafco Poly-Fiber Type 3 is suitable for use on canals and reservoirs in waterproofing applications. At application temperature Poly-Fiber Type 3 is a highly viscous, non-self-leveling product. The asphalt base used in Poly-Fiber Type 3 is polymer modified which improves low temperature flexibility and cracking resistance and high temperature stiffness properties compared to fiber sealing products using non-modified asphalts. Poly-Fiber Type 3 is plant blended, so problems with field blending of fibers are eliminated. Poly-Fiber Type 3 has been a quality Crafco product for over 25 years. VOC = 0 g/l.

SPECIFICATION CONFORMANCE

Crafco Poly-Fiber Type 3 contains 5+/-1% polyester fibers by weight of asphalt components blended with high quality modified asphalt cement:

| <u>Fiber</u> | <u>Properties</u> |
|---------------------|--|
| Type | Polyester |
| Denier | 3 to 6 |
| Length | 0.25 inches (6 mm) |
| Specific Gravity | 1.38 |
| Melt Temperature | 478–490 °F (248–254 °C) |
| Tensile Strength | 78,000 – 88,000 PSI (53708 – 60632 N/cm ²) |
| Elongation at Break | 35 - 38% |

Specification limits for Crafco Poly-Fiber Type 3 when heated in accordance with ASTM D5167 are:

| <u>Property</u> | <u>Poly-Fiber Type 3 Limits</u> |
|---|---------------------------------|
| Minimum Application Temperature | 350 °F (177 °C) |
| Maximum Heating Temperature | 400 °F (204 °C) |
| Softening Point (ASTM D36) | 200 °F (93 °C) min. |
| Flexibility, 1/8" (3.2 mm) specimen, 90° Bend, 10 sec, 1" (25 mm mandrel) (ASTM D3111 modified) | Pass @ 0 °F (-18 °C) |
| Cone Penetration (ASTM D5329) | 30 max. |
| Ductility, 77 °F (25 °C) (ASTM D113) | 10 cm min. |
| Asphalt Compatibility (ASTM D5329) | Pass |

INSTALLATION

The unit weight of Crafco Poly-Fiber Type 3 is 9.0 lbs. per gallon (1.08 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

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 interlock 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 indented for sale. For more details on meltable packaging go to <https://crafco.com/materials-documentation/>

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**