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READ BEFORE USING THIS PRODUCT

GENERAL TechCrete is gray in color, aesthetically suitable in all concrete pavements, and is used in sealing wide cracks and joints, and repairing a large variety of pavement distresses in Portland Cement Concrete Pavement and Asphalt Concrete Pavement. Pavement distresses appropriate for TechCrete include but are not limited to: A) Cracking (Corner breaks, Longitudinal and transverse cracking), B) Joint Deficiencies (Spalling of longitudinal and transverse joints), C) Surface Defects (Map cracking and scaling, Popouts), and D) Miscellaneous distresses (Blowups, Faulting of transverse joints and cracks, Lane-to-shoulder dropoff, Lane-to-shoulder separation, and Patch/Patch deterioration). TechCrete is used in highway, street, road, parking lot, bridge decks, airport taxiways and runways, and other pavement surfaces. The unique design features of TechCrete produce an impervious, impact-resistant; load-bearing, flexible repair that withstands vehicle traffic, aircraft, movement and climatic conditions. VOC = 0 g/l.

TechCrete – FIBRE MASTIC is a hot-applied, flexible mastic sealant compound made of polymer-modified synthetic resin containing chopped fiberglass, fillers, fines, high quality aggregate and 0.5-1.0% steel fiber. TechCrete is supplied in powder / granular form in meltable bags. To use, bags of TechCrete are placed in an approved melter (Crafco Patcher I or II) where it is mixed and heated to the required installation temperature range. TechCrete–FIBRE MASTIC is then poured into the prepared pavement section with structural aggregate (Part No. 33033) as described in the Installation Instructions. The repair is then covered with a specific surfacing aggregate (Crafco Part No. 33374) or a surfacing aggregate specified in the project plan and approved by Crafco. The repair is allowed to cool and solidify prior to opening to traffic.

Read all information prior to using TechCrete – FIBRE MASTIC: 1) Product Data Sheet, 2) Safety Data Sheet, 3) Installation Instructions, 4) Grinding Instructions, and 5) Patcher Equipment Safety Manual.

Product	Recommended Use
<p>TechCrete-FIBRE MASTIC</p> <p>Contains ideal pre-measured, pre-mixed combination of proprietary binder and fine aggregate plus 0.5-1% steel fibers.</p> <p>TechCrete-FIBRE MASTIC <u>without structural aggregate</u> can be used in shallow repairs where neat edge feathering is required.</p>	<p>Wide Cracks and Joints</p> <p>TechCrete-FIBRE MASTIC <u>without structural aggregate</u> is designed for treating wide cracks and joints with a minimum joint of 1.5 inches (38 mm) wide and up to 4 inches (100 mm) wide and up to full-depth repairs.</p> <p>TechCrete-FIBRE MASTIC <u>with structural aggregate</u> is designed for treating wide cracks and joints greater than or equal to 2 inches (50 mm) wide and greater than or equal to 2 inches (50 mm) depth up to full-depth repairs.</p> <p>Surface Defects and Miscellaneous Distresses</p> <p>TechCrete-FIBRE MASTIC is designed for treating most other distresses as partial-depth repairs from 0.75 to 8 inches (20 to 200 mm) deep, recognizing that the minimum application depth is 2 inches (50 mm).</p> <p>TechCrete-FIBRE MASTIC is designed to increase productivity in repairing deep distresses. The addition of bulking stone reduces the number of lifts required for deep distresses and will cool deep distresses quicker improving time to traffic use. However, TechCrete-FIBRE MASTIC does require field mixing and blending that increases the potential for variability and application errors that may reduce effectiveness compared to TechCrete TBR.</p>

SPECIFICATION CONFORMANCE Specification limits for TechCrete-FIBRE MASTIC when tested according to TxDOT Special Specification 7622 and CrafcO specification are as follows:

<u>Parameter</u>	<u>TechCrete – Fibre Mastic</u>
Color	Gray
Specific Gravity (CrafcO TTM-10)	1.8 – 2.0 g/cc
Cone Flow, 3 hrs. @ 158°F (70°C)(Tex-549-C)	4% Maximum
Tensile Strain to Failure, (TEX-548-C) Peak Load	50 pound Minimum
0.75 inches, 2.0 inches/minute (TEX-548-C) Strain	35% Minimum
Aggregate Settlement, (TEX-551-C)	2.3mm (3%)
Resilience, (TEX-547-C)	50% Minimum
Flexibility, (TEX-550-C)	No cracking at bend
Minimum Application Temperature	330°F (166°C)
Maximum Heating Temperature	360°F (182°C)
Shelf Life	2 Years

INSTALLATION Prior to use, the user must read and follow Installation Instructions for TechCrete–FIBRE MASTIC to verify proper product selection, heating methods, pavement preparation procedures, application geometry, usage precautions and safety procedures. These instructions are provided with each shipment.

PACKAGING TechCrete – FIBRE MASTIC is packaged in meltable bags each containing approximately 35 +/- 2 pounds (15.8 +/- 1 kg) of product. Bags are stacked and stretch wrapped on pallets containing approximately 2700 pounds (1225 kg). Pallets are weighed and the product is sold by net weight. Each 35 bag fills a void ~ 0.27-0.39 cubic feet (0.008-0.011 m³). Each pallet fills a void ~ 21-30 cubic feet (0.59-0.85 m³). The amount of material used to fill the void will vary depending on amount of structural aggregate used. Pallets and unopened bags of TechCrete – FIBRE MASTIC are resistant to weather and moisture and can be stored outside.

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.**