



PRODUCT DATA SHEET TECHCRETE TBR-SF

420 N. Roosevelt Ave. • Chandler AZ 85226
1-800-528-8242 • (602) 276-0406 • FAX (480) 961-0513
www.crafco.com

Part Number 34953SF (Type TBR)

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READ BEFORE USING THIS PRODUCT

GENERAL TechCrete TBR-SF is a hot-applied polymer modified resin based flexible concrete repair material that contains fillers, aggregates, ground recycled rubber, chopped fiberglass fiber and 0.5 to 1.0 % steel fiber. It is suitable for repairing cracks, spalls, pop-outs, failed joints and most types of defects in concrete surfaces. TechCrete TBR-SF is a gray color; similar to the pavements it is applied in, and aesthetically suitable in all concrete pavements. Techcrete TBR- SF is used in highway, street, road, parking lot, bridge decks, airport taxiways and runways, and other concrete pavement surfaces. The unique design features of TechCrete TBR-SF produce an impervious, impact resistant; load bearing, flexible repair that withstands vehicle traffic, aircraft movements and climatic conditions. TechCrete TBR-SF is supplied in powder / granular form in meltable bags. To use, bags of TechCrete TBR-SF are placed in an appropriate approved heating unit (Crafco Patcher I or II), and then melted , mixed and heated to installation temperature. Melted material is then poured into the prepared pavement section in layers, not exceeding 2 ½ inches (63 mm) thick, with cooling between layers, until the pavement surface level is reached.. Bulking aggregate can be used between the layers for deep repairs. The repair is then covered with a specific surfacing aggregate. The repair is allowed to cool and solidify prior to opening to traffic. TechCrete TBR-SF contains large aggregate particles and is used for ¾ inch to 8 inch (20 to 200mm) deep pavement voids. ¾ inch to 1 ½ inch voids must be cut to a minimum 1 ½ depth. TechCrete has achieved the Crafco **CERTIFIED PERFORMANCE** designation due to its excellent performance record. VOC = 0 g/l.

SPECIFICATION CONFORMANCE Specification limits for TechCrete Type TBR-SF are as follows:



<u>Parameter</u>	<u>Specification</u>
Color	Gray
Specific Gravity, (Crafco TTM-10)	1.8 - 2.0 g/cc
Cone Flow, 3hrs. @ 158°F (70°C), (Crafco TTM-1)	6 % maximum
Tensile Extension, 0.75in., 2in./min. (ASTM D5329)	35% minimum
Aggregate Settlement, (Crafco TTM-12)	3% maximum
Resilience, (Crafco TTM-13)	50% Recovery
Flexibility, (Crafco TTM-2)	No tearing at bend
Minimum Application Temperature	375°F(190°C)
Maximum Heating Temperature	428°F(220°C)

INSTALLATION Prior to use, the user must read and follow Installation Instructions for TechCrete TBR-SF 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 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 lbs (1225kg). Pallets of TechCrete are weighed and the product is sold by net weight. Pallets and unopened bags of TechCrete are weather and moisture resistant and can be stored outside.

WARRANTY CRAFTCO, Inc. warrants that CRAFTCO products meet applicable ASTM, AASHTO, Federal or State specifications at time of shipment. Techniques used for the preparation of pavement surfaces prior to product installation are beyond our control as are the use and application of the product; 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.