



INVITATION FOR COMPETITIVE BID

IFB # 201505MW "Sealing of Cracks on TSTC Waco Airport Runways"

ADDENDUM # 1 (posted 4-22-15)

The following information becomes a permanent part of the Proposal Invitation document:

- 1.) Title page of Bid Documents indicates "SEALED" Bid. This is an error as faxed/emailed bids ARE ACCEPTED as indicated on Title page as well.

- 2.) Information concerning required crack sealant material attached hereto.

Please sign and return one copy of this addendum with proposal as verification of receipt and compliance with addendum information.

Company Name: _____

Address: _____

Signature of Authorized

Company Official: _____ Title: _____

Telephone Number: _____ Date: _____



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

PRODUCT DATA SHEET
POLYFLEX TYPE 3

PART NO. 34521

MARCH 2009

READ BEFORE USING THIS PRODUCT

GENERAL Crafco PolyFlex Type 3 is a hot-applied, asphalt based product used to fill cracks and joints in asphalt and portland cement concrete pavements in warm to hot climates. PolyFlex Type 3 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 and pick-up at summer temperatures. Polyflex Type 3 is used in highway, street, airfield and parking lot pavements and is applied to pavement cracks using either pressure feed melter applicators or pour pots. At application temperature, PolyFlex Type 3 is a medium viscosity product which flows and penetrates cracks. PolyFlex Type 3 is formulated as an economical yet effective pavement maintenance crack filler product. Compared to products based on reclaimed rubber, PolyFlex Type 3 offers lower viscosity for easier application, improved summer temperature pick-up resistance, quicker set-up times and improved low temperature flexibility. Polyflex Type 3 has been a quality Crafco product for 20 years. Several states have adopted specifications based on the performance of Polyflex Type 3. VOC = 0 g/l.

USAGE GUIDELINES PolyFlex Type 3 pavement temperature performance limits are 70-10 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.

	Suited for Use
	Recommended
	Performance Limits
	Not Recommended

High Temperature Grade (°C)

°C	58	64	70	76	82
-4					
-10					
-16					
-22					
-28					
-34					
-40					
-46					

Low Temperature Grade (°C)

Pavement Temp for Filler Usage

SPECIFICATION CONFORMANCE The Crafco recommended specification limits for PolyFlex Type 3 when heated in accordance with ASTM D5078 to the maximum heating temperature are as follows:

Test	Recommended Specification
Cone Penetration (ASTM D5329)	20-40
Resilience (ASTM D5329)	30% min.
Softening Point (ASTM D36)	210°F (99°C) min.
Ductility, 77F (25C) (ASTM D113)	30 cm min.
Flexibility (ASTM D3111 Modified)	Pass at 30°F (-1°C)
Flow 140°F (60°C) (ASTM D5329)	3 mm max
Brookfield Viscosity, 400°F (204°C) (ASTM D2669)	100 Poise max.
Asphalt Compatibility (ASTM D5329)	Pass
Bitumen Content (ASTM D4)	60% min
Tensile Adhesion (ASTM D5329)	400% min.
Maximum Heating Temperature	400°F (204°C)
Minimum Application Temperature	380°F (193°C)

INSTALLATION The unit weight of Crafco PolyFlex Type 3 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 Hot-Applied RoadSaver, PolyFlex, Parking Lot and Asphalt Rubber 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. (18kg) and pallet weights do not exceed 2,880 lbs. (1310kg). 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**