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**READ BEFORE USING THIS PRODUCT**

**GENERAL** Crafcro Superflex is a hot-applied asphalt based product used to seal and fill cracks and joints in asphalt or portland cement concrete pavements in moderate to cold climates. Superflex is supplied in solid form which when melted and properly applied forms an adhesive and flexible compound that resists cracking in the winter and is highly resistant to flow and pick-up at summer temperatures. Superflex can be used in highway, street, airfield and parking lot pavements and is applied to pavement cracks and joints using either pressure feed melter applicators or pour pots. At application temperature Superflex is a free flowing, self-leveling product. Superflex can be melted in jacketed double boiler type melting units or in small direct bottom fired type melters. Both types of melters must have sufficient agitation and temperature indicating devices to assure that the sealant is heated to and maintained within the specified application temperature range of 380 to 400°F (193 to 204°C). VOC = 0 g/l.

**USAGE GUIDELINES** Superflex pavement temperature performance limits are 70-10 for crack sealing and 70-28 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     |

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 Sealant Usage**

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** Crafcro Superflex meets the following requirements when heated to the maximum heating temperature in accordance with ASTM D5167:

|   |                             |
|---|-----------------------------|
| <b>Tests</b>                              | <b>Specification Limits</b> |
| Softening Point (ASTM D36)                | 200°F (93°C) min.           |
| Flexibility 90° Bend, 1" (25mm) mandrel   | Pass at -20°F (-29°C)       |
| Cone Penetration, 77°F (25°C) (ASTM 5329) | 60 max.                     |
| Flow, 140°C (60°C), 5 hr. (ASTM D5329)    | 0 mm.                       |
| Elongation 77°F (25°C)                    | 1500% min.                  |
| Opening to Traffic Time                   | 30 minute max.              |
| maximum Heating Temperature               | 400°F (204°C)               |
| Application Temperature Range             | 380-400°F (193-204°C)       |

**INSTALLATION** The unit weight of Crafcro Superflex is 9.1 lbs./gal. (1.09 kg/L) at 60°F (15.5°C). Prior to use, the user must read and follow Installation Instructions for Superflex Sealants (July 2008) 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 of Crafcro products consists of individual boxes of products 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/cm<sup>2</sup>) 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, Crafcro shall not be responsible for improperly applied or misused products. Remedies against Crafcro, Inc., as agreed to by Crafcro, are limited to replacing nonconforming product or refund (full or partial) of purchase price from Crafcro, 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 Crafcro, Inc. whichever is earlier. There shall be no other warranties expressed or implied. **For optimum performance, follow Crafcro recommendations for product installation.**