



1680 E. RACE STREET • ALLENTOWN, PA 18109  
(800) SEALANT (732-5268) • (610) 264-7541 • FAX (610) 266-1871

## FLEX-A-FILL® 9005

PRODUCT DATA SHEET, JULY 2014

Part No. 33571

### READ BEFORE USING THIS PRODUCT

**GENERAL** FLEX-A-FILL 9005 is a hot-applied polymer modified asphalt product used to seal and fill cracks in asphalt concrete or Portland cement concrete pavements in moderate to cold climates. FLEX-A-FILL 9005 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 tracking or pick-up by vehicle tires at warm summer temperatures. FLEX-A-FILL 9005 is used in highway, street, and airfield pavements and is applied to pavement cracks using either pressure feed melter applicators or pour pots. At application temperature, FLEX-A-FILL 9005 is a low viscosity, self-leveling product which easily penetrates narrow cracks. VOC = 0 g/l.

**SPECIFICATION CONFORMANCE:** FLEX-A-FILL 9005 meets all requirements of ASTM D6690 (AASHTO M324), Type II, "Joint and Crack Sealants, Hot-Applied, for Concrete and Asphalt Pavements", (formerly ASTM D3405 and AASHTO M301). It also exceeds requirements of ASTM D6690 (AASHTO M324), Type I, (formerly ASTM D1190, AASHTO M173), and Federal Specification SS-S-164.:

#### ASTM D6690 (AASHTO M324)

<u>Tests</u>	<u>Type II Spec Limits</u>
Cone Penetration, 77°F (25°C) (ASTM 5329)	90 max.
Flow, 140°C (60°C), 5 hr. (ASTM D5329)	3.0 mm. max
Softening Point (ASTM D36)	176°F (80°C) min.
Resilience	60% min.
Bond, -20°F (-29°C), 50% ext.	Pass 3 cycles
Asphalt Compatibility	Compatible
Minimum Application Temperature	380°F (193°C)
Maximum Heating Temperature	400°F (204°C)

**INSTALLATION** The unit weight of FLEX-A-FILL 9005 is 9.9 lbs./gal. (1.19 kg/L) at 60°F (15.5°C). Prior to use, the user must read and follow Installation Instructions for FLEX-A-FILL Sealants 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 FLEX-A-FILL 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 75 boxes which are stacked in five layers of 15 boxes per layer. The weight of product in each box is 30 lbs. (13.6 kg) and pallet weights are 2250 lbs. (1020 kg). 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 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.