

6165 W Detroit St. • Chandler AZ 85226
 +1 (602) 276-0406 • +1 (800) 528-8242 • FAX +1 (480) 961-0513
www.crafco.com

READ BEFORE USING THIS PRODUCT

GENERAL

Crafco Asphalt Rubber Plus Type 2 sealant is a hot-applied asphalt-based product used to seal and fill cracks or joints in asphalt or Portland cement concrete pavements in moderate to cold climates. Asphalt Rubber Plus Type 2 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 at summer temperatures. Asphalt Rubber Plus Type 2 is used in highways, streets, and airfield pavements and is applied to pavement cracks or joints using pressure feed Melter applicators. Asphalt Rubber Plus Type 2 contains a minimum of 18% recycled rubber by weight of asphaltic components which increases application temperature viscosity and reduces flow and slump during application. Asphalt Rubber Plus Type 2 has been a quality Crafco product for over 15 years and has proven to be a top performing crack sealant in cold climates. Several states and Canadian provinces have adopted specifications based on its exceptional performance. VOC = 0 g/l.

SPECIFICATION CONFORMANCE

Asphalt Rubber Plus Type 2 meets requirements of state modified AASHTO M173 specifications and exceeds ASTM D6690 (AASHTO M324), Type I, "Joint and Crack Sealants, Hot-Applied, for Concrete and Asphalt Pavements, (formerly ASTM D1190, AASHTO M173) and Federal Specification SS-S-164. The specification for Asphalt Rubber Plus Type 2 also includes compositional requirements.

<u>Composition</u>	<u>Requirement</u>
Recycled Rubber Content (by asphaltic components)	18% min.
Recycled Rubber Gradation, % passing No. 8 sieve	100%
Unit weight at 60 °F (15.5 °C)	10.0 lb./gal. max.
<u>Physical Property Requirements</u>	<u>Modified AASHTO M173 Limits</u>
Cone Penetration	50-90
Flow, 140 °F (60 °C)	5.0 mm max.
Softening Point	176 °F (80 °C) min
Resilience (ASTM D5329)	25-60%
Bond, -20 °F (-29 °C), 1/2" (12.7 mm) thick specimen, 50% Extension	Pass 3 cycles
Flexibility, 1/8" (3.2mm) specimen, 90° bend, 10 sec, 1" (25 mm) mandrel. (ASTM D3111 modified)	Pass at -29 °F (-34 °C)
Asphalt Compatibility (ASTM D5329)	Pass
Minimum Application Temperature	380 °F (193 °C)
Maximum Heating temperature	400 °F (204 °C)

INSTALLATION

The unit weight of Asphalt Rubber Plus Type 2 is 9.7 lbs./gal (1.16 kg/l). 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

Product is supplied in either cardboard boxes, or in meltable boxless packaging. Both package types are labeled in accordance with OSHA, GHS, and specification requirements; are sold by net weight; are interlock stacked on 48 x 40 in. (122 x 102 cm) 4-way pallets; can be stored outside; and are covered with a weather resistant pallet cover and 2 layers of UV protected stretch wrap.

- **BOX** packaging consists of cardboard boxes containing 30 lbs. (13.6 kg) of product with 75 boxes per pallet, weighing approximately 2250 lbs. (1020 kg). Boxes contain a quick melting release film for easy removal and are taped closed, without any staples.
- **Meltable** packaging consists of approximately 30 lbs. (13.6 kg) completely meltable packages that are interlocked stacked on pallets. To use, the pallet wrap is removed, and individual blocks are placed in the Melter. There are no individual cardboard boxes to open, empty, handle, or dispose of. Meltable packaging quickly melts into the product without affecting specification conformance. Meltable packaged sealant products are sold by the pallet only and individual packages are not intended for sale. For more details on meltable packaging go to <https://crafco.com/materials-documentation/>

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.**