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READ BEFORE USING THIS PRODUCT

GENERAL Mastic One Type 2 is a hot applied, pourable, aggregate filled, black color, polymer modified asphalt pavement repair mastic. Mastic One Type 2 is used for sealing, filling and repairing many distresses in both asphalt concrete and portland cement concrete pavements and bridge deck surfaces that are larger than those typically repaired by crack or joint sealing, but smaller than repairs requiring remove and replace patching procedures. Mastic One Type 2 is best suited for use in areas that experience thermal movement such as wide transverse cracking. Other uses are sealing, filling and leveling of longitudinal cracks and joints, filling potholes and utility cuts, localized skin patch repairs, repairs prior to surface treatments, and leveling bridge approaches or faulted areas. Mastic One Type 2 may not be suitable for some applications where pavement temperatures exceed 158°F. When properly applied, Mastic One Type 2 forms a well bonded, flexible, durable, traffic resistant repair. To use, Mastic One Type 2 is placed into an appropriate melter (Crafco Patcher II), mixed and heated until application temperature is reached, poured into the prepared repair area and then leveled. Mastic One Type 2 is formulated to provide neat feathered edge installation. Mastic One Type 2 is then ready for traffic when it has cooled and solidified. VOC = 0 g/l.

PROPERTIES Properties of the binder, aggregate and appropriately blended and heated Mastic One Type 2 according to ASTM D8260 are as follows:

<u>Property</u>	<u>Requirement</u>
POLYMER MODIFIED BINDER	
Cone Penetration, 77°F (25°C) (ASTM D5329)	80 max
Cone Penetration, 122°F (50°C) (ASTM D5329)	140 max
Softening Point, (ASTM D36)	190°F (88°C) min
Flexibility, 1" (25.4 mm), 90°, 2 sec (ASTM D3111 modified)	Pass at 0°F (-18°C)
AGGREGATE	
Abrasion Resistance (ASTM C131)	35% max
BLENDED PRODUCT	
Flexibility, 0°F (-18°C) (PTM3)	Pass
Adhesion, 63°F (17°C) (PTM4)	25 PSI (172 KPA) min
Specific Gravity	1.7 -2.0
Minimum Application Temperature	375°F (190°C)
Maximum Application Temperature	400°F (204°C)
<u>Test</u>	<u>ASTM D8260 Type 2 Specification Limits</u>
Mastic Resilience (ASTM (8260)	50% minimum
Effects of Rapid Deformation (ASTM D2794) (-18°C)	3 passing specimens no chipping, cracking or separation 8 N-m
Crack Bridging (ASTM C1305 modified) (-18°C)	Pass 3 cycles
Mastic Stability (ASTM D8260) (60°C)	40.0 mm maximum

Note: Due to unique properties of Mastic One Type 2, modified test procedures are required. Test methods PTM 3, 4 are available from Crafco

INSTALLATION The density of Mastic One Type 2 is 116 pcf (+/- 3%) and the weight per gallon is 15.5 lbs./gal (1.86 kg/l) at 60°F (15.5°C). Prior to use, the user must read and follow Installation Instructions for Mastic One to verify proper product selection, heating methods, pavement preparation procedures, application geometry, usage precautions and safety procedures. These instructions are available at www.crafco.com and provided with each pallet of Mastic One.

PACKAGING Mastic One Type 2 is supplied in either cardboard boxes, or in meltable, box less PLEXI-melt packaging. Each package contains premeasured polymer modified binder and aggregate. 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.

- o **BOX** packaging consists of cardboard boxes containing approximately 40 lb. (18.1 kg) of product with 60 boxes per pallet, weighing approximately 2400 lb. (1088 kg). Boxes contain a quick melting release film for easy removal and are taped closed, without any staples.
- o **PLEXI-melt** packaging consists of 30 lb. (13.6 kg) blocks of product with 70 packages per pallet, weighing 2100 lb. (952 kg). To use, the pallet wrap is removed, and individual blocks are placed in the melter. There are no cardboard boxes or other cardboard components to open, empty, handle, or dispose of. PLEXI-melt packaging quickly melts into the product without affecting specification conformance.

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.**