

Delivering Confidence Through Innovation, Quality and Value Since 1976

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**READ BEFORE USING THIS PRODUCT**

**GENERAL** Mastic One is a hot applied, pourable, aggregate filled, black color, polymer modified asphalt pavement repair mastic. Mastic One 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. Typical uses include sealing, filling and leveling of wide transverse or 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. When properly applied, Mastic One forms a well bonded, flexible, durable, traffic resistant repair. To use, Mastic One is placed into an appropriate melter (Crafco Patcher I or II), mixed and heated until application temperature is reached, poured into the prepared repair area and then leveled. Mastic One is formulated to provide neat feathered edge installation. Mastic One 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 are as follows:

<u>Property</u>	<u>Requirement</u>
<b>POLYMER MODIFIED BINDER</b>	
Cone Penetration, 77°F (25°C) (ASTM D5329)	60 max
Cone Penetration, 122°F (50°C) (ASTM D5329)	120 max
Softening Point (ASTM D36)	200°F (93°C) min
Flexibility (1"[25.4 mm], 180°, 10 sec) (ASTMD3111 modified)	Pass at 32°F (0°C)
<b>AGGREGATE</b>	
Abrasion Resistance (ASTM C131)	35% max
<b>BLENDED PRODUCT</b>	
Flexibility, 32°F (0°C) (PTM 3)	Pass
Adhesion, 77°F (25°C) (PTM 4)	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)

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

**INSTALLATION** The density of Mastic One 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](http://www.crafco.com) and provided with each pallet of Mastic One.

**PACKAGING** Mastic One can be supplied in either standard cardboard boxes, or in meltable, boxless PLEXI-melt packaging. Each package contains premeasured poly- mer modified binder and aggregate. Both packaging types are labeled in accordance with OSHA and GHS requirements; include Installation Instructions; are sold by net weight; are supplied interlock stacked on 48 by 40 inch 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 40 lb of product with 60 boxes per pallet. Boxes contain a quick melting release film enabling easy removal of product from the box. Boxes are tape closed, without any staples.

**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.**