

MASTIC[®]

JANUARY 2022

Part No. 80320

DESCRIPTION Deery Level & Go Repair Mastic[®] is a hot-applied, pre-packaged, pourable, highly bonding, ready to melt mastic repair material for concrete and asphalt pavements and bridge deck surfaces. Deery Level & Go Repair Mastic is composed of quality-selected asphalt, clean, hard, durable particles of wear resistant aggregates, synthetic rubber polymers, antioxidants, naturally occurring and man-made reinforcing materials. Supplied in black asphalt color. The density of the installed Level & Go Repair Mastic Material is 107 pcf (14.3 lb./gal) (+/- 3%). VOC=0 g/l.

USE Level & Go Repair Mastic can be used for confined or unconfined, feathered edge repairs for extra wide pavement cracks, pavement joint separations, leveling bridge approaches or other settlement at structures, spalled concrete joints, utility cuts, potholes, leveling depressed thermal cracks, repairs prior to surface treatments, and other pavement distresses. Deery Level & Go Repair Mastic provides a waterproof, flexible, yet tough and durable repair system. Quick, simple, safe installation is usually ready for traffic in less than 30 minutes.

PHYSICAL PROPERTIES

TEST METHOD

SPECIFICATION

WEAR RESISTANT COARSE AGGREGATE

Resistance to Abrasion and Impact (grading C)

ASTM C131

35% degradation maximum

MASTIC BINDER

Cone Penetration @ 77 °F (25 °C)

ASTM D5329

60 units maximum

Cone Penetration @ 122 °F (50 °C)

ASTM D5329

120 units maximum

Softening Point

ASTM D36

200 °F (93 °C) minimum

Flexibility@ 1" (25.4 mm) 180° bend, 10 sec.

ASTM D3111 Modified

Pass at 32 °F (0 °C)

FINISHED MASTIC PRODUCT

Low Temperature Flexibility

ASTM D5329

Pass @ 32 °F (0 °C)

Adhesion 77 °F (25 °C)

ASTM D5329

25 PSI (172 KPA) min

Specific Gravity

1.7 – 2.0

Minimum Application Temperature

375 – 400 °F (190 – 204 °C)**

Maximum Application Temperature

400 °F (204 °C)***

TEST

Mastic Resilience

ASTM D8260

50% minimum

Effects of Rapid Deformation 19 °F (-7 °C)

ASTM D2794

3 passing specimens no chipping, cracking, or separation 8 N-m

Crack Bridging 19 °F (-7 °C)

ASTM C1305 modified

Pass 3 cycles

Mastic Stability 158 °F (70 °C)

ASTM D8260

40.0 mm maximum

***Temperature of product measured at pavement surface. Use Minimum Application Temperature in cool weather*

****Prolonged heating at or above Maximum Heating Temperature may severely damage product.*

SURFACE PREPARATION All surfaces must be dry and free from dust, dirt, grease, loose materials, and any other matter that will inhibit the bonding of the repair mastic compound. Pavement surface temperature at time of installation shall not be less than 40 °F (4 °C).

INSTALLATION Deery Level & Go Repair Mastic shall be heated in a thermostatically controlled mastic mixer that utilizes oil as a heat transfer medium and has a full sweep horizontal agitator capable of gently lifting the material from the bottom of the reservoir and turning the material over and over. The agitation shall be capable of mixing and suspending materials, filled with aggregates having a specific gravity as high as 3.0. The heated repair mastic at the Minimum Application Temperature shall be dispensed onto the properly prepared repair area, in layers if needed, leveled, and smoothed with the surrounding pavement surface to form a durable repair. Installations over 2 inches deep can be bulked by adding up to 25% by volume of an approved, clean, dry ¾ inch aggregate in layers for increased stability and quicker cooling. For enhanced surface texture and optimum skid resistance, broadcast approved aggregate chips into the hot mastic repair material and tamp lightly to assist embedment of the chips.

LIMITATION Do not apply on wet, frosted surfaces or over coal tar coatings. The user should confirm suitability of use and compatibility with surface treatments through field-testing prior to application.

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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.

- o **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.
- o **Meltable** packaging consists of approximately 30 lbs. (13.6 kg) completely meltable packages that are interlock 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 indented for sale. For more details on meltable packaging go to <https://www.asphaltkingdom.com/>

PERFORMANCE Temperature fluctuations, site conditions, surface preparation, traffic, installation technique, material selection, shape factor and surface treatment compatibility influence the effectiveness and useful life of Pavement Preservation treatments. Consider and monitor each element for optimum results. Purchaser and end user should determine applicability for use in their specific conditions.

WARRANTY Manufacturer warrants that these 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, manufacturer shall not be responsible for improperly applied or misused products. Remedies against manufacturer, as agreed to by manufacturer, are limited to replacing nonconforming product or refund (full or partial) of purchase price from manufacturer. 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 manufacturer, whichever is earlier. There shall be no other warranties expressed or implied. **For optimum performance, follow manufacturer recommendations for product installation.**

FOR ADDITIONAL INFORMATION

Call: 1-866-399-5562

Web: www.asphaltkingdom.com