

LEVEL & GO REPAIR MASTIC

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, anti-oxidants, 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 Penetration @ 77°F (25°C), 150 g, 5 sec Penetration @ 122°F (50°C), 150 g, 5 sec Flow @ 140°F (60°C), 75° angle, 5 hours Softening Point (R&B) Flexibility@ 32°F (0°C) .25" (6.4mm) mandrel 90o bend, 10 sec.	ASTM D5329 ASTM D5329 ASTM D5329 ASTM D36 ASTM D3111 Modified	100 dmm Maximum 150 dmm Maximum 3 mm Maximum 190°F (88°C) Minimum Bend without cracking
FINISHED MASTIC PRODUCT Low Temperature Flexibility Water Absorption after 24 hours @ 122°F (50°C) Recommended Application Temperature Maximum Safe Heating Temperature	ASTM D3111 Modified ASTM D517 Section 9.2 Modified ASTM D5167 ASTM D5167	Pass @32°F (0°C) 1% Maximum absorption 350-400°F (177-204°C)** 400°F (204°C)***

**Temperature of product measured at pavement surface. Use Maximum Application Temperature in cool weather
***Prolonged heating at or above Maximum Safe 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 recommended 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.

PACKAGING Material is packaged in cardboard boxes sized to accommodate a maximum of 40 lb. (18.0 kg). Each box contains a quick melt liner, which is dissolved and incorporated into the melted Mastic product. All ingredients shall be accurately pre-proportioned in one container. The container shall be designed to insure that the binder portion shall be kept substantially separated from and not pre-mixed with any other ingredient.

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
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