

DEERY^{BRAND} LEVEL & GO

PAVEMENT PRESERVATION PRODUCTS

REPAIR MASTIC, Part No. 80320

PRODUCT DATA SHEET
FEBRUARY 2011

DESCRIPTION Deery Level & Go Repair Mastic is a hot applied, pre-packaged, ready to melt overband mastic repair material for concrete and asphalt pavements. 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. Available in black asphalt color. The weight per cubic foot of the installed Level & Go Repair Mastic Material shall be 107 pounds per cubic foot (+/- 3%). VOC=0 g/l.

USE An unconfined, feathered edge repair for extra wide pavement cracks, pavement joint separations, bridge approaches, spalled concrete joints, utility cuts, and other pavement distresses when installation is not recessed into existing pavement. Deery Level & Go Repair Mastic provides a waterproof, flexible, yet tough and durable repair system. Quick, simple, safe installation is usually ready for trafficking in less than 30 minutes.

<u>PHYSICAL PROPERTIES</u>	<u>TEST METHOD</u>	<u>SPECIFICATION</u>
<u>WEAR RESISTANT COARSE AGGREGATE</u> Resistance to Abrasion and Impact (grading C)	ASTM C131	20% degradation Maximum
<u>MASTIC BINDER</u> Penetration @ 77°F (25°C), 150 g, 5 sec Penetration @ 122°F (50°C), 150 g, 5 sec Flow @ 140°F, 75° angle, 5 hours Softening Point (R&B) Flexibility @ 32°F, .25" mandrel, 90° 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
<u>FINISHED MASTIC PRODUCT</u> Low Temperature Flexibility Water Absorption after 24 hours @ 122°F Recommended Application Temperature Maximum Safe Heating Temperature	ASTM D3111 Modified ASTM D517 Section 9.2 Modified	Pass @32°F 1% Maximum absorption 350-400°F (177-204°C)** 400°F (204°C)***
<p>**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.</p>		

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. Surface conditioner is normally not required for repairs on asphalt pavement, but may be used if deemed necessary by the Engineer or Contractor in order to obtain optimum adhesion. Repairs regarding Portland cement concrete pavements require a surface conditioner. Deery Surface Conditioner (DSC) shall be applied to the prepared surfaces, preferably by a brushed or roller application, avoiding puddles. The applied DSC shall be dry prior to the installation of the hot mastic material.

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 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. 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.

FOR ADDITIONAL INFORMATION
Call: 1-800-227-4059 toll free
Email: info@deeryamerican.com
Web: www.deeryamerican.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.**



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