

DEERY^{BRAND} COLD PAVEMENT PRESERVATION PRODUCTS JOINT ADHESIVE

HOT APPLIED SEALANT, Part No. 80407

PRODUCT DATA SHEET
MARCH 2012

DESCRIPTION DEERY Cold Joint Adhesive is a single component, hot applied, polymer-modified asphalt compound. It is composed of specialty polymers and inert stabilizers blended into a compatible asphalt. This blend of material produces a compound with excellent adhesive properties and is very flexible at low temperatures. VOC=0 g/l.

USE DEERY Cold Joint Adhesive is applied to longitudinal cold construction joints in asphalt concrete pavements. The tenacious bond created by the joint adhesive coupled with its waterproofing property, increases the durability and life expectancy of the joint.

HEATING Material shall be heated in a hot-oil jacketed melter capable of constant mechanical agitation and equipped with a calibrated thermometer to monitor sealant temperature. Material shall be heated to and maintained at the Recommended Application Temperature during use. Material can be cooled and then reheated, but only if prolonged heating is avoided. Prolonged heating at or above Recommended Application Temperature may severely damage product. If overheating damage occurs, immediately drain machine completely and refill with new material.

APPLICATION DEERY Cold Joint Adhesive is pre-reacted and can be applied immediately after heating to Recommended Application Temperature. With pavement temperature at 40°F (4°C) or higher, place material onto the exposed edge joint face by means of a hand-held pour pot, wheeled push bander or wand applicator. Installation of adhesive is best using pressurized wand applicator. Pavement may be warmed to 40°F (4°C) or higher with a Hot Air Lance.

PROPERTIES of DEERY COLD JOINT ADHESIVE

When sampled and heated to maximum heating temperature in accordance with ASTM D5167

TEST	METHOD	SPECIFICATION
Penetration @ 77°F (25°C)	ASTM D5329	60-90
Penetration @ 122°F (50°C)	ASTM D5329	95-145
Flow @ 140°F (60°C)	ASTM D5329	3 mm maximum
Tensile Adhesion @ 77°F (25°C)	ASTM D5329	600% minimum
Asphalt Compatibility	ASTM D5329	Pass
Brookfield Viscosity @ 400°F (204°C)	ASTM D3236	5000-10,000 cps
Softening Point	ASTM D36	180°F (82°C)
Ductility @ 77°F (25°C)	ASTM D113	30 cm minimum
Ductility @ 39.2°F (4°C)	ASTM D113	30 cm minimum
Flexibility, 0°F (-18°C)	ASTM D3111 modified	Pass
Recommended Application Temperature	ASTM D5167	380-400°F (193-204°C)*
Maximum Heating Temperature	ASTM D6690	400°F (204°C)

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

*Prolonged heating at or above Recommended Application Temperature may severely damage product.

PACKAGING Material is packaged in cardboard boxes sized to accommodate a maximum of 40 lb (18.0 kg). Material contained in each box is wrapped in a quick melt liner which is dissolved and incorporated into the melted product. Standard packaging is 30 lb (13.6 kg) per box, palletized 75 boxes per pallet with an approximate net weight of 2,250 lb (1,021.0 kg). Pallets are moisture protected with a plastic wrapping and bound with a minimum of two layers of UV resistant stretch wrap.

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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