

# DEERY<sup>BRAND</sup> SUPER PAVEMENT PRESERVATION PRODUCTS STRETCH.1

PRODUCT DATA SHEET  
FEBRUARY 2011

## HOT APPLIED SEALANT, Part No. 80432

**DESCRIPTION** DEERY Super Stretch is a fast curing, premium quality, hot applied single component crack & joint sealant. Our best all around sealant. Only the most appropriate high quality synthetic elastomers, polymers, and anti-oxidants meeting exacting standards are used in combination with select asphalt plasticizers and naturally occurring reinforcing materials. The sealant contains no solvent, is highly waterproof and resistant to a wide range of salts, bases, and organic materials. Super Stretch is tested for low temperature flexibility at -20°F (-29°C). VOC=0 g/l.

**USE** DEERY Super Stretch is an excellent sealant for road, airport and parking area applications for sealing longitudinal and traverse joints and random cracks in Asphalt or Concrete pavements where a fast curing sealant is desirable. The material's superior combination of fast melting, low viscosity and above average high and low temperature properties result in a sealant preferred by many experienced applicators and end users alike. DEERY Super Stretch is recommended for use in extreme high temperature conditions.

**HEATING** Sealant shall be heated in an approved direct fire or 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 Super Stretch 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 into clean, dry crack or prepared reservoir by means of a hand-held pour pot, wheeled push bander or wand applicator. Squeegee any excess sealant tight to pavement surface. Excessive over-banding should be avoided. Pavement may be warmed to 40°F (4°C) or higher with a hot air lance.

### PROPERTIES OF DEERY SUPER STRETCH.1

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

<u>TEST</u>	<u>METHOD</u>	<u>SPECIFICATION</u>
Cone Pen @ 77°F (25°C)	ASTM D5329	75 dmm maximum
Cone Pen @ 122°F (50°C)	ASTM D5329	120 dmm maximum
Flow @ 140°F (60°C)	ASTM D5329	1 mm maximum
Extension @ 77°F (25°C)	ASTM D412	1000% minimum
Extension @ 0°F (-18°C)	ASTM D412	500% minimum
Low Temperature Flexibility	ASTM D3111 modified	Pass @ -20°F (-29°C)
Softening Point	ASTM D36	200°F (93°C) minimum
Resilience	ASTM D5329	60% minimum
Asphalt Compatibility	ASTM D5329	Complete
Curing Time	Non-tracking to moving traffic	30 minutes maximum
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](mailto:info@deeryamerican.com)

Web: [www.deeryamerican.com](http://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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