

# DEERY 220CA

HOT APPLIED SEALANT, Part No. 80220CA

PRODUCT DATA SHEET  
FEBRUARY 2011

**DESCRIPTION** DEERY 220CA is a hot applied, single component, elastically modified composition of asphalt cement, virgin synthetic polymer, recycled rubber, and other modifiers. The sealant contains no solvent, is pre-reacted and conforms to the requirements of Caltrans SSP 37-400 Type 1. VOC=0 g/l.

**USE** DEERY 220CA is a moderately high viscosity pavement preservation sealant intended for highway, street and aviation applications for sealing longitudinal and transverse joints and random cracks in Asphalt or Concrete pavements where use of a firm material containing high levels of recycled material is desirable. Properly installed, DEERY 220CA is an effective barrier against damage from debris and moisture infiltration into cracks and joints within regions experiencing high and moderate pavement temperatures.

**HEATING** Sealant 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 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 220CA 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. Pavement may be warmed to 40°F (4°C) or higher with a Hot Air Lance.

## PROPERTIES of DEERY 220CA

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

<b><u>TEST</u></b>	<b><u>METHOD</u></b>	<b><u>CALTRANS SSP 37-400 TYPE 1</u></b>
Cone Penetration	ASTM D5329	35 maximum
Softening Point	ASTM D36	216°F (102°C) minimum
Flexibility	ASTM D3111 modified	Pass at 32°F (0°C)
Tensile Adhesion	ASTM D5329	400% minimum
Specific Gravity	ASTM D70	1.25 maximum
Asphalt Compatibility	ASTM D5329	Pass
Sieve Test (Certification non-soluble components pass #16 sieve)		Pass 100%
Resilience	ASTM D5329	20 – 60%
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** CRAFCO, Inc. warrants that CRAFCO 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, Crafcoc shall not be responsible for improperly applied or misused products. Remedies against Crafcoc, Inc., as agreed to by Crafcoc, are limited to replacing nonconforming product or refund (full or partial) of purchase price from Crafcoc, Inc. 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 Crafcoc, Inc. whichever is earlier. There shall be no other warranties expressed or implied. **For optimum performance, follow Crafcoc recommendations for product installation.**



420 N. Roosevelt Ave. • Chandler AZ 85226  
1-800-528-8242 • (602) 276-0406 • FAX (480) 961-0513  
[www.crafcoc.com](http://www.crafcoc.com)