DEERY® BRAND PLF 210

PAVEMENT PRESERVATION PRODUCTS

HOT APPLIED SEALANT, Part No. 80210PLF

PRODUCT DATA SHEET
DECEMBER 2022

DESCRIPTION DEERY PLF 210 is a Premium Grade, hot applied, single component, elastically modified composition of asphalt cement, virgin synthetic polymer, premium rubber, and other modifiers, which results in a fast set up sealant. VOC = 0 g/l.

USE DEERY PLF 210 is a moderate viscosity pavement preservation sealant ideally suited for parking lots, and other slow-moving vehicle and pedestrian areas, plus highway, street, and aviation applications for sealing longitudinal and transverse joints and random cracks in Asphalt or Concrete pavements where a firm yet pliable material is desirable. Properly installed, DEERY PLF 210 is an effective barrier against damage from debris and moisture infiltration into cracks and joints within regions experiencing moderate high and moderate low pavement temperatures.

HEATING and APPLICATION 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 Minimum Application Temperature during use. Material can be cooled and then reheated, but only if prolonged heating is avoided. Prolonged heating at or above Minimum Application Temperature may severely damage the product. If overheating damage occurs, immediately drain the machine completely and refill with new material. DEERY PLF 210 is pre-reacted and can be applied immediately after heating to Minimum Application Temperature. With pavement temperature at 40 °F (4 °C) or higher, place hot sealant into properly prepared, 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. For more details on heating and application, refer to the **Installation Instructions - Hot Applied Sealant** sheet which is included with each pallet of product. Specific Gravity of DEERY PLF 210 sealant is 1.25.

PROPERTIES of DEERY PLF 210
When sampled and heated to maximum heating temperature in accordance with ASTM D5167

TEST	METHOD	SPECIFICATION
Cone Penetration @ 77 °F (25 °C)	ASTM D5329	20-50 units
Flow @ 140 °F (60 °C)	ASTM D5329	3.0 mm maximum
Resilience @ 77 °F (25 °C)	ASTM D5329	40% minimum
Softening Point	ASTM D36	210 °F (99 °C) minimum
Flexibility 1/8" (3.2 mm) specimen, 90° bend, 10 sec., 1" (25 mm) mandrel	ASTM D3111 modified	Pass @ -10 °F (-23 °C)
Asphalt Compatibility	ASTM D5329	Pass
Minimum Application Temperature		380 °F (193 °C)*
Maximum Heating Temperature		400 °F (204 °C)

*Temperature of product measured at pavement surface. Use the highest Minimum Application Temperature in cool weather.
*Prolonged heating at or above Maximum Heating Temperature may severely damage the product.

PACKAGING Product is supplied in either cardboard boxes, or in meltable boxless packaging. Both package types are labeled in accordance with OSHA, GHS, and specification requirements; are sold by net weight; are interlock stacked on 48 x 40 in. (122 x 102 cm) 4-way pallets; can be stored outside; and are covered with a weather resistant pallet cover and 2 layers of UV protected stretch wrap.

- **BOX** packaging consists of cardboard boxes containing 30 lbs. (13.6 kg) of product with 75 boxes per pallet, weighing approximately 2250 lbs. (1020 kg). Boxes contain a quick melting release film for easy removal and are taped closed, without any staples.
- **Meltable** packaging consists of approximately 30 lbs. (13.6 kg) completely meltable packages that are interlocked stacked on pallets. To use, the pallet wrap is removed, and individual blocks are placed in the Melter. There are no individual cardboard boxes to open, empty, handle, or dispose of. Meltable packaging quickly melts into the product without affecting specification conformance. Meltable packaged sealant products are sold by the pallet only and individual packages are not intended for sale. For more details on meltable packaging go to https://crafco.com/materials-documentation/

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 the 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
Call: 1-800-227-4059 toll free
Email: info@deeryamerican.com
Web: www.deeryamerican.com

CRAFCO® INC
PRESERVATION PRODUCTS PAVEMENT
Delivering Confidence Through Innovation, Quality and Value Since 1976

6165 W. Detroit St. • Chandler AZ 85226
1-800-528-8242 • (602) 276-0406 • Fax (480) 961-0513
www.crafco.com

©2022, Crafco, Inc., All Rights Reserved