

DURA-FILL® CJA2

Pavement Cold Joint Adhesive

Description: The **Dura-Fill CJA2** is a hot-applied modified asphalt adhesive. It is used as an adhesive and tacking material on longitudinal cold construction joints on asphaltic pavements. The **Dura-Fill CJA2** fosters a long lasting seal between two sections of asphaltic pavement. It prolongs pavement service life by sealing the joints from water penetration, which cause base failure and potholes. **Dura-Fill** provides excellent results in cold weather and throughout repeated freeze/thaw cycles. **Dura-Fill CJA2** is formulated with select asphaltic resins, synthetic polymeric rubbers, plasticizers, stabilizers, and a blend of organic and inorganic reinforcing fillers.

Recommended Uses: **Dura-Fill CJA2** is applied 1/8 inch thick across the edge of the first paving pass. When the adjacent lane of asphaltic pavement is put into place, the heat from this material and the compaction of the roller cause the **Dura-Fill CJA2** to adhere to both lanes. This forms a durable bond between the two overlay passes. This product can also be used as a waterproofing agent on shoulder interfaces, around manhole covers and other utility cuts in asphaltic pavement.

Melting and Application: Melt **Dura-Fill CJA2** using a conventional **oil jacketed kettle** equipped with agitator and temperature control devices for both the material and heat transfer oil. Carefully insert small quantities of **Dura-Fill** and the plastic bag into the melting equipment while the agitator is turned off. Load material slowly to avoid splash back. After the initial load has reached the recommended pouring temperature, fresh material may be added to the melter as sealant is used. Melt only the material that will be used during that day. Purge material remaining in the kettle lines at the end of each sealing operation. The material may be safely reheated and can be applied using a pressure feed wand system.

Note: The temperature of the heat transfer oil should not exceed 525°F. Do not heat **Dura-Fill** above the maximum heating temperature and do not maintain it at that temperature for prolonged periods of time. This could cause the material to gel in the equipment or fail in the joints. A significant viscosity increase accompanied by stringiness signals the approach of gelation. If this occurs, immediately remove the material from the melter and dispose of it.

*For further details read and follow the **Dura-Fill MSDS, Installation Instructions for Oil Jacketed Dura-Fill Products, and P&T Products' Warranty.***

Product Specifications

when tested in accordance with ASTM D 5329, 36, modified 3111, & 4402.

Heating Temp		410 F Max.
Application Temp		370-390 F
Heating Time		12 Hours Max
Penetration	77 F	80 dmm Max.
Resiliency	77 F	60% Min.
Flow	140 F	3 mm Max.
Softening Point		190 F Min.
Low Temperature Flexibility	1" Mandrel Bend	-20 F Pass
Viscosity	375 F	100+ Poise
Specific Gravity		1.09 Approximately
Flash Point		400 F Min.
Optimum Climate		All

- ◆ **Flexible**
- ◆ **Economical**
- ◆ **Excellent Adhesion**
- ◆ **Resists Flow**

Coverage

3 - 4 feet per pound using a
2- inch overlay

Specifications

P & T Products' Specifications

Packaging

Dura-Fill is packaged in 2-25 lb. poly-bags in a 50 lb. high strength corrugated box. Each pallet contains 48 boxes or 2,400 pounds of **Dura-Fill**.

P&T Products, Inc.

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