

DENSOBAND™

Hot Asphalt Joint Sealing Compound

Description

DensoBand is a flexible, polymer modified bitumen in a solid rectangular form. It is produced in rolls with disposable interleaving and is applied in conjunction with heat and Denso Primer D or Butyl spray adhesive. DensoBand forms a flexible watertight seal accommodating slight movement from cyclic loads and thermal changes, thus preventing cracking and the subsequent erosion of the joint by weathering.

Uses

- Sealing joints in hot asphalt surfaces between asphalt, concrete and steel
- New road construction and maintenance
- Bridge repair
- Parking lot sealing
- Railways
- Airport runways

Features

- Uniform, watertight, flexible seal
- Minimum maintenance
- Excellent adhesion to a primed surface, high durability
- Excellent flexibility withstands asphalt movement and thermal expansion
- Prevents cracking and propagation
- Hand or machine applied

Surface Prep

Clean and dry the vertical surface of the joint.

Application

Apply Denso Primer D to the vertical face to be joined, using a brush or roller. Allow the primer to dry to a tack consistency. Lay the DensoBand strip along the length of the joint and remove the interleaving paper. Using a propane torch unit, heat the surface of the material until it develops a glossy sheen. Place this side of the material against the joint face (asphalt, concrete or steel), leaving the DensoBand 0.20" (5 mm) above the surface of the face and press firmly into place. Install the hot asphalt in place, raking where necessary and complete the installation by tamping or rolling out the new asphalt. The heat of the hot asphalt will bond/fuse the new surface of the exposed face of the DensoBand material into the surrounding substrate.



TECHNICAL DATA SHEET

Storage

Store in a cool dry place in original packaging.

Packaging

Roll Thickness	Tape Width	Tape Length	Rolls*/ Case
in.	in.	ft.	ea.
0.32" (8 mm)	1.77" (45 mm)	39' (12 m)	3
0.59" (15 mm)	1.77" (45 mm)	21' (6.4 m)	3

Technical Data

PROPERTIES	ENGLISH	METRIC
Thickness	0.32", 0.59"	8 mm, 15 mm
Width	1.77"	45 mm
S.G. @23°C	>1	>1
Softening Point (ASTM D36)	>212°F	>100°C
Elastic Recovery @ 10°C (EN13398)	50%, 2" extension	50%, 52 mm extension
Elastic Recovery @ 25°C (EN13398)	60%, 8" extension	60%, 200 mm extension
Cold Bend Behavior @ 0°C (DIN 52123)	No cracks	No cracks
Application Temperature	+41°F to +122°F	+5°C to +50°C
Denso Primer D		
Drying Time	10 - 15 min @ 68°F	10 - 15 min @ 20°C
Flash Point	73°F	23°C
Coverage	1 Gal / 567'	5 Liters / 750 meters



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