

## DENSOBAND™

### Hot Asphalt Joint Sealing Compound

#### Description

DensoBand is a flexible, polymer-modified bitumen strip integrated with an adhesive. It is produced in rolls with disposable interleaving and is applied in conjunction with Denso Primer D or Denso 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
- Integrated with an adhesive, no flame required

#### 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. Place adhesive side of DensoBand 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. Shelf life is at least 24 months under these conditions.

## Packaging

Roll Thickness	Tape Width	Tape Length	Rolls*/ Case
in.	in.	ft.	ea.
0.39" (10 mm)	1.77" (45 mm)	33' (10 m)	3
0.59" (15 mm)	1.77" (45 mm)	21' (6.4 m)	3

## Tech Data

Properties	Imperial	Metric
<b>Thickness</b>	0.39", 0.59"	10 mm, 15 mm
<b>Width</b>	1.77"	45 mm
<b>S.G. @23°C</b>	>1	>1
<b>Softening Point (ASTM D36)</b>	>212°F	>100°C
<b>Elastic Recovery @ 25°C (EN13880-3)</b>	25%	25%
<b>Cold Bend Behavior @ 0°C (DIN 52123)</b>	No cracks	No cracks
<b>Application Temperature</b>	+ 41°F to +113°F	+5°C to +45°C
<b>Denso Primer D</b>		
Drying Time	10 - 15 min @ 68°F	10 - 15 min @ 20°C
Flash Point	73°F	23°C
Coverage	455 ft <sup>2</sup> /1 gallon	42 m <sup>2</sup> /4 liters



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