

## Product Evaluation

### RE: Review of DensoBand

#### **PRODUCT INFORMATION**

Product Name: DensoBand  
Website: <https://www.densona.com/>

Manufacturer: Winn & Coales, London, England  
Supplier: Denso North American Inc., Edmonton

#### **VENDOR CLAIMS AND INFORMATION**

##### **CLAIMS**

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. DensoBand Provides uniform, watertight, flexible seal which requires minimum maintenance. It has high adhesive strength and is highly durable. It can withstand asphalt movement and thermal expansion and can prevent cracking and propagation.

##### **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. It can be hand or machine applied.

##### **POTENTIAL USAGE**

DensoBand is used for sealing joints in hot asphalt surfaces between asphalt, concrete, and steel. It is also used for new road construction and maintenance, as well as bridge repair, parking lot, railway, and airport runway applications.

##### **TESTS and STANDARDS**

Elastic recovery test,

#### **ALBERTA TRANSPORTATION COMMENTS**

##### **EXPERIENCE**

Alberta Transportation has no experience with this product

##### **APPLICABLE STANDARDS**

Alberta Transportation standard specifications 3.19 Prime, Tack and Fog Coats

##### **RECOMMENDATIONS**

DensoBand be listed as a Potential Product under Alberta Transportation Products List, Crack Treatment - Polymer Modified Bitumen Strip – Proprietary, based on the information provided. Final acceptance as a proven product will be based on field performance.

##### **RESTRICTIONS ON USE**

Caveat:

1) This product is intended for asphalt to asphalt/concrete/steel bonding and does not provide bonding or performance information when in contact with waterproofing membranes or other materials. Therefore, this product shall not be permitted where any part of the DensoBand will be in direct contact with surfaces other than asphalt/concrete/steel (this includes along bridge deck barriers and/or paving lips that are waterproofed, for example).

#### **TRIAL PROJECTS**

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