

Pre-Approved Product Evaluation Request & Summary

5876-25

Product Evaluation Coordinator Colorado
Department of Transportation 4670 North Holly
Street, Unit A Denver, Colorado 80216

Material Code

518.03.01.00

CDOT Use Only

Material Code description full name

Expansion Device , Asphaltic

CDOT Use Only

Part 1

Product Name:

Watson Bowman Expandex (Lot# P1699)

Product Representative / Distributer (name & address):

Faizan Asghar

Crafco Inc.
6975 West Crafco Way
Chandler, AZ 85226

Phone: (602) 276-0476 E-mail: faizan.asghar@crafco.com

Web-site address: www.crafco.com

Product category:

Sealant [Joint & Crack] \ Asphaltic Plug Joint

Manufacturer (name & address):

Faizan Asghar

Crafco Inc.
6975 West Crafco Way
Chandler, AZ 85226

Phone: (602) 276-0476 E-mail: faizan.asghar@crafco.com

Web-site address: www.crafco.com

Description of the product: (Include specific quantifiable details from tech data sheet. Advertising generalities are not appropriate.)

Watson Bowman Expandex is a hot applied, flexible asphaltic plug joint system designed to accommodate structure movement while providing a smooth transition between the approach pavement and the bridge deck. The system combines the use of a traffic bearing plate with special aggregate reinforced modified elastomeric material and is compatible with asphalt overlays. The simplistic design of hot applied binder and aggregate eliminates the need for any mechanical anchors.

Binder needs to be heated to a minimum temperature of 380° F.

Restrictions, (installation and/or use):

Pavement temperature minimum is 40 degrees Fahrenheit.

Use of the product, and Benefit to CDOT(be specific to CDOT highway activities only):

Bridge Expansion Device suitable for new Construction and rehabilitation projects.

Specifications: (listing those applicable is required)

- ☒ CDOT : 518.03
- ☒ ASTM : D6297
- ☐ AASHTO :
- ☐ FHWA :
- ☐ other :
- ☐ Certificate of Compliance (COC) provided ☐ Certificate of Verification (COV) provided for select categories

Product Testing: (National/independent laboratories or universities with Report Date.) **Certified Test Report (CTR)** provided to validate all claims.

- ☐ AASHTO-PEAS (NTPEP) :
- ☐ FHWA :
- ☒ other : PRI Asphalt Technologies / Western Technologies Inc. (11/25/2024)
- ☐ other :
- ☐ other :

State DOT Approvals:

Expiration Date 2 Year Cycle use 06/12/2027

Sample Submitted ☐ Yes☒ No☐ N/ASafety Data Sheets (SDS): ☒ Yes☐ No☐ N/A

Alternate Product Caegory

CDOT Restrictions as per CDOT Approving Authority

Evaluators Signature:

CDOT use Only