COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

APL Reference No. 3773-14

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

Material code: 518.03.01.00

FOR INTERNAL CDOT USE

Material code description full name: Expansion Device, Asphaltic

PART 1

Product name: Wabo Expandex (Lot #P9404)

Product category: Sealant\Asphaltic Plug Joint\N/A

Product representative (name & address):
Attn: Nick Graziani, P.E.
Watson Bowman Acme Corp.
2741 Howard Castle Drive
Dyer, IN 46311
Phone: (219) 240-9770 FAX: (219) 322-5625

Manufacturer (name & address):
Attn: Nick Graziani, P.E.
Watson Bowman Acme Corp.
95 Pineview Drive
Amherst, NY 14228
Phone: (716) 691-7566 FAX: (716) 691-9239

Web-site address: www.wbacorp.com

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

Wabo 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):

Minimum recommended surface and ambient temperatures are 45° F. Not intended for skews greater that forty-five degrees.

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

Bridge Expansion Device (0-2"). Repair and maintenance of small movement expansion joints. Movements up to +/- 0.75" at time of installation.

Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value then other manufacturer's products):

Armorless joint system is a single pour application that will yield minimum traffic downtime. The system is able to accommodate inconsistencies within the expansion joint opening.

Specifications, (listing those applicable is required) **& Certificate of Compliance** (required to certify compliance with listed specifications):

- ☐ CDOT :
- ☒ ASTM : D 6297-13 (concrete prepared per CP-L 4101)
- ☐ AASHTO :
- ☐ FHWA :
- ☐ other :

Product testing, (from national/independent laboratories or universities) **& Certified Test Report** (CTR required to validate all claims):

- ☐ NTPEP-AASHTO :
- ☐ FHWA :
- ☒ other : Western Technologies Inc (06-11-14) (concrete prepared per CP-L 4101)
- ☐ other :

State DOT Approvals, (current documentation required):

NY, SD, TX

Sample submitted: ☐ yes ☒ no ☐ n/a

Materials Safety Data Sheets (MSDS): ☒ yes ☐ no ☐ n/a

Notes/Additional Comments

Wabo Expandex has been used successfully on CDOT projects.
A sample is available upon request at no cost to CDOT.