COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

APL Reference No. 2911-10

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

Material code: 705.01.01.00

FOR INTERNAL CDOT USE

Material code description full name: Joint Sealant with Backer Rod

PART 1

Product name: Wabo Expandex (Lot P 9165)

Product category: Sealant\Asphaltic Plug Joints for Bridges\NA

Product representative (name & address):
Attn: Chris Overby
Watson Bowman Acme Corp.
95 Pineview Drive
Amherst, NY 14228
Phone: (716) 817-5458 FAX: (716) 691-9239

Manufacturer (name & address):
Attn: Chris Overby
Watson Bowman Acme Corp.
95 Pineview Drive
Amherst, NY 14228
Phone: (716) 817-5458 FAX: (716) 691-9239

Web-site address: www.wbacorp.com

Web-site address: www.wbacorp.com

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

WaboExpandex is a low cost, 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):

The minimum surface and ambient air application temperature is 40°F. Maximum system width of 30" is the norm.

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 existing expansion joint opening.

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

- ☐ CDOT :
- ☒ ASTM : D 6297
- ☐ 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 (09-26-2007)
- ☐ other :

State DOT Approvals, (current documentation required):

Sample submitted: ☒ yes ☐ no ☐ n/a

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

Notes/Additional Comments