COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

APL Reference No. 2959-10

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: Thorma-Joint (Batch #0756041608)

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

Product representative (name & address):
Attn: Mike Stachowicz
Dynamic Surface Applications, Ltd.
373 Village Road
Pennsdale, PA 17756
Phone: (570) 546-6041 FAX: (570) 546-2415
Web-site address: www.dsa-ltd.com

Manufacturer (name & address):
Attn: Mike Stachowicz
Dynamic Surface Applications, Ltd.
373 Village Road
Pennsdale, PA 17756
Phone: (570) 546-6041 FAX: (570) 546-2415
Web-site address: www.dsa-ltd.com

Description of the product: (Include specific quantifiable details from tech data sheet. Advertising generalities are not appropriate.)
Thorma-Joint is the original asphaltic plug joint system and is designed to handle movement for both expansion and fixed-end (abutment) joints. It is comprised mostly of a specific blend of elastomer modified bituminous binder, BJ Super, and a specially selected aggregate gradation. Thorma-Joint provides a water-tight, smooth riding surface that can be easily maintained. It allows for a joint movement of 1" in expansion and 1" in compression.

Binder needs to be heated to a temperature between 370° - 385°F.

Restrictions, (installation and/or use):
The minimum surface application temperature is 40°F (?). Maximum width and depth dimensions of (?).

Use of the product, (be specific to CDOT highway activities only):
Bridge Expansion Device (0-2" movement). It is suitable for use on both expansion and fixed-end joints and can also be used as a pavement relief joint.

Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value then other manufacturer's products):
Compared to other asphaltic plug joint systems as well as other anchored expansion joint systems, Thorma-Joint is the most cost effective, low maintenance, and reliable system available for low movement bridges.

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. (05-22-2008)
- ☐ 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