COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

APL Reference No. 3642-15

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

Material code: 711.02.01.00

FOR INTERNAL CDOT USE

Material code description full name: Concrete, Admixture

PART 1

Product name: Sika Control-40 (previously Sika Control 40)

Product category: Concrete\Admixture\Specific Performance

Product representative (name & address):
Attn: Steven Calhoun
Sika Corporation
9929 Silvermaple Road
Highland Ranch, CO 80129
Phone: (719) 641-8533 FAX: (303) 646-1337

Manufacturer (name & address):
Attn: Nate Artman
Sika Corporation
201 Polito Avenue
Lyndhurst, NJ 07071
Phone: (330) 495-0109 FAX: (201) 933-6225

Web-site address: www.usa.sika.com

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Description of the product: (Include specific quantifiable details from tech data sheet. Advertising generalities are not appropriate.)
Sika Control-40 is a shrinkage reducing admixture that meets the requirements of ASTM C 494/AASHTO M 194 Type S. Concrete produced with Sika Control-40 exhibits greatly reduced drying shrinkage, reduction in drying shrinkage cracking, reduction in the potential for slab curling, and substantially decreased permeability resulting in improved concrete durability.

Restrictions, (installation and/or use):
Sika Control-40 should be stored at above 40°F (5°C). If frozen, thaw and agitate thoroughly to return to normal state.

Use of the product, (be specific to CDOT highway activities only):
Sika Control-40 is a shrinkage reducing admixture for concrete.

Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value then other manufacturer's products):
The use of Sika Control-40 in thin bonded topping slabs can minimize the difference in shrinkage between the new topping and the existing substrate. Sika Control-40 is also beneficial in concrete elements which are restrained against shrinkage, and for durable concrete in marine environments.

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

- [x] CDOT : Standard Specification, Subsection 711.03
- [x] ASTM : C 494, Type S
- [x] AASHTO : M 194, Type S
- [ ] FHWA :
- [ ] other :

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

- [x] NTPEP-AASHTO : Scheduled to be tested in October of 2016
- [ ] FHWA :
- [x] other : TEC Services (October 30, 2012)
- [ ] other :

State DOT Approvals, (current documentation required):
Currently no State DOT approvals.

Sample submitted: [ ] yes [x] no [ ] n/a

Materials Safety Data Sheets (MSDS): [x] yes [ ] no [ ] n/a

Notes/Additional Comments
Sample available upon request.