COLORADO DEPARTMENT OF TRANSPORTATION

# PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

APL Reference No. 3785-14

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 Stabilizer 300 SCC

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 Stabilizer 300 SCC is a ready to use liquid-based viscosity modifying admixture recommended for production of Self Consolidating Concrete (SCC) where high flow and improved cohesiveness of the concrete mix design are required. Sika Stabilizer 300 SCC helps stabilize the air void system in fresh concrete.

**Restrictions,** (installation and/or use):
Sika Stabilizer 300 SCC should be stored above 35°F (2°C). If frozen, thaw and agitate thoroughly to return to normal state.

**Use of the product**, (be specific to CDOT highway activities only):
Sika Stabilizer 300 SCC is a viscosity modifying admixture recommended for both precast and ready mix concrete applications.

**Benefits to CDOT**, (how will your product enhance quality, improve safety, save money, be a better value then other manufacturer's products):
Sika Stabilizer 300 SCC improves distribution of aggregate in the concrete mixture thereby reducing segregation and bleeding, increases the cohesiveness of lean and harsh mix designs, decreases pumping pressures, improves surface finishability, and improves long term compressive strength.

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

- [x] CDOT : Standard Specification 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 : AET / CADD-2013-01-035; 6 month interim (Report dated August 8, 2014; mix dates January 2014)
- [ ] FHWA :
- [x] other : American Engineering Testing, Inc. (August 8, 2014) - Interim Report
- [ ] other :

**State DOT Approvals**, (current documentation required):
Maine

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

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

Notes/Additional Comments
Sample available upon request