COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

APL Reference No. 2988-15

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: SikaPlast-500 (previously Sikaplast 500)

Product category: Concrete\Admixture\Water-Reducing ||Water-Reducing, High Range

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.)
SikaPlast-500 is a midrange water-reducing admixture that meets the requirements of ASTM C 494/AASHTO M 194 Types A & F. SikaPlast-500 utilizes Sika ViscoCrete Technology. SikaPlast-500 is recommended for use in the production of conventional ready mixed concrete.

Restrictions, (installation and/or use):
SikaPlast-500 should be stored at above 40°F (5°C). If frozen, thaw and agitate thoroughly to return to normal state. Protect from direct sunlight.

Use of the product, (be specific to CDOT highway activities only):
SikaPlast-500 is a midrange water-reducing admixture for conventional concrete.

Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value then other manufacturer's products):
SikaPlast-500 is especially suitable for concrete paving and in harsh mix designs with low cement content. The combined water reducing and superplasticizing action provides for higher early and ultimate strengths, increased slump improves ease of placement and reduces labor costs, and reduced water/cementitious ratio reduces permeability and increases durability.

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

- ☒ CDOT : Standard Specification, Subsection 711.03
- ☒ ASTM : C 494, Type A & F
- ☒ AASHTO : M 194, Type A & F
- ☐ FHWA :
- ☐ other :

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

- ☒ NTPEP-AASHTO : Scheduled to be tested in October of 2017
- ☐ FHWA :
- ☒ other : TEC Services (December 4, 2013)
- ☐ 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
Sample available upon request.