COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

APL Reference No. 3495-13

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: ADVA 408

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

Product representative (name & address):
Attn: Tom Greene
W.R. Grace & Co.
16826 Anchor Park
Friendswood, TX 77546
Phone: (281) 795-3224 FAX: (617) 498-4313

Manufacturer (name & address):
Attn: Denise White
W.R. Grace & Co.
62 Whittemore Avenue
Cambridge, MA 0140
Phone: (617) 498-4555 FAX: (617) 498-4313

Web-site address: www.graceconstruction.com

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Description of the product: (Include specific quantifiable details from tech data sheet. Advertising generalities are not appropriate.)
ADVA 408 is a high efficiency polycarboxylate - based super plasticizer intended for the production of Self Consolidating Concrete (SCC) in ready-mix applications. ADVA 408 has been formulated to extend slump life while imparting extreme workability without segregation to concrete.

Restrictions, (installation and/or use):
It is recommended that ADVA 408 be added to the concrete mix near the end of the batch sequence for optimum performance.

Use of the product, (be specific to CDOT highway activities only):
ADVA 408 reduces job site QC support.

Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value then other manufacturer's products):
- Enables consistent manufacture of self-consolidating concrete
- Provides extended slump flow retention with minimal impact on set time
- Consistent air entrainment

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

- ☐ CDOT :
- ☒ ASTM : C 494 Type F
- ☒ AASHTO : M 194 Type F
- ☐ FHWA :
- ☐ other :

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

- ☒ NTPEP-AASHTO : 2009-08
- ☐ FHWA :
- ☒ other : TCG (June 19, 2013)
- ☐ other :

State DOT Approvals, (current documentation required):
CA, IL, MS, UT, WA

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

Notes/Additional Comments
Revised Safety Data Sheet provided.