COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

Reference No. 2374-01

Materials Laboratory
Colorado Department of Transportation
4201 East Arkansas Avenue
Denver, Colorado 80222

PART 1: Completed by Product Representative
PART 2: Completed by CDOT Product Evaluation Coordinator
PART 3: Completed by CDOT Expert Product Evaluator
PART 4: Completed by CDOT Materials Engineer

PART 1

Product name: ADVA® 140

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

Product representative (name & address):
W. R. Grace and Co. {Scott Gesicki}
12217 Crabapple St.
Broomfield, CO 80020
Phone: (303) 883-2856 FAX: (303) 296-9245

Manufacturer (name & address):
W. R. Grace and Co. {Denise White}
62 Whittemore Avenue
Cambridge, MA 02140
Phone: (617) 498-4555 FAX: (617) 234-7576

Description of product, (be precise, include product differentiation between your products &/or competitor's products):
ADVA 140 is a high range water reducing liquid admixture. ADVA 140 superplasticizer contains no added chloride. One liter weighs approximately 1.05 kg (8.8 lbs/gal). ADVA 140 will also fluidize concrete, making it ideal for tremie concreting or other applications where high slumps are desired.

Usage of product, (be specific to CDOT highway activities only):
Use for high slump, flowing concrete. It also allows concrete to be produced with low water:cement ratios at low or normal slumps.

Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value then other manufacturer's products):
ADVA 140 provides a superior combination of long slump life with near neutral set times. Addition rates of ADVA 140 can vary with the type of application, but will normally range from 390 to 1300 ml/100 kg (6-20 fl oz/100 lbs) of cement.

Specifications, (identify specifically those applicable) **& Certificate of Compliance** (submittal required):

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

Product testing, (national/independent laboratories) **& Certified Test Report** (submittal required):

- ☐ NTPEP-AASHTO:
- ☐ HITEC or FHWA :
- ☐ FHWA or other :
- ■ other : Briggs Engineering and Testing

State DOT Approvals, (current documentation required):

Evaluation Procedure, (recommended):

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

Notes/Additional Comments
Samples are available upon request.

Manufacturer's Web-site address: www.graceconstruction.com

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