COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

APL Reference No. 3214-10

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: Airalon 3000

Product category: Concrete\Admixture\Air Entraining

Product representative (name & address):
Attn: Michael Gardner
W. R. Grace & Co.
18326 SE 260th Place
Covington, WA 98042
Phone: (925) 443-9700 FAX:

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

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.)

Airalon 3000 is a liquid air entraining admixture. It is formulated to provide freeze-thaw resistance, and enhances the finish-ability of concrete. It is manufactured to assure quality and uniform performance. Airalon 3000 is recommended for use in ready mix, precast prestress, and other product plants where the intentional entrainment of a specified level of air is required. Airalon 3000 has been found to be particularly effective in both high cement factor and low slump concrete mixes, which require a very efficient air entraining admixture.

Restrictions, (installation and/or use):

Unknown

Use of the product, (be specific to CDOT highway activities only):

Airalon 3000 is to be used when a stable air void system is required over time.

Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value then other manufacturer's products):

Benefits include: economical to use in concrete mixes which are typically difficult to air entrain.

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

- ☐ CDOT :
- ☒ ASTM : C 260
- ☒ AASHTO : M 154
- ☐ FHWA :
- ☐ other :

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

- ☐ NTPEP-AASHTO :
- ☐ FHWA :
- ☒ other : TEC Services (July 27, 2009)
- ☐ other :

State DOT Approvals, (current documentation required):

Georgia, Iowa, North Carolina

Sample submitted: ☐ yes ☒ no ☐ n/a

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

Notes/Additional Comments