COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

APL Reference No. 2387-20

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: EUCON AEA 92

Product category: Concrete\Admixture\Air Entraining

Product Representative (name & address):
Attn: Brian Lewis
The Euclid Chemical Company
19320 Redwood Road
Cleveland, Ohio 44110
Phone: (216) 692-8305 E-mail: blewis@euclidchemical.com
Web-site address: www.euclidchemical.com

Manufacturer (name & address):
Attn: Brian Lewis
The Euclid Chemical Company
19320 Redwood Road
Cleveland, Ohio 44110
Phone: (216) 692-8305 E-mail: blewis@euclidchemical.com
Web-site address: www.euclidchemical.com

Description of the product: (Include specific quantifiable details from tech data sheet. Advertising generalities are not appropriate.)

EUCON AEA-92 is formulated for use as an air entraining admixture for concrete of all types and is manufactured under rigid control which assures uniform and precise performance. It should be added to the mix independently and not with other admixtures. EUCON AEA-92 contains no added chlorides or chemicals known to promote the corrosion of steel. EUCON AEA-92 is packaged in bulk, 275 gal (1041 L) totes, 55 gal (208 L) drums and 5 gal (18.9 L) pails. EUCON AEA-92 meets or exceeds the requirements of the following specifications:
• Corps of Engineers Specification CRD C-13 - • ASTM Specification C 260 - • AASHTO Specification M 154 - • ANSI/NSF STD 61
EUCON AEA-92 is typically dosed at a rate of 0.1 to 4 oz per 100 lbs (6 to 260 mL per 100 kg) of total cementitious material to entrain 3% - 6% air content. The amount of EUCON AEA-92 will vary depending on type of cement, fineness of sand, temperature, design of the mix, other admixtures, etc.

Restrictions, (installation and/or use):
• Protect EUCON AEA-92 from freezing. • Consult your local Euclid Chemical representative for other restrictions. Keep from freezing.

Use of the product, (be specific to CDOT highway activities only):
• Ready mix concrete • All exterior concrete subjected to freeze/thaw cycling • Structural concrete • Mass concrete

Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value then other manufacturer's products):
• Provides a stable air void system with proper bubble size and spacing. This air void system protects concrete against damage caused by repeated freeze / thaw cycles
• Concrete is made more resistant to de-icing salts, sulfate attack and corrosive water
• Less mixing water can be used per yard (meter) of concrete and placeability is improved
• Minimizes bleeding and segregation of the concrete

Specifications: (listing those applicable is required)

- [x] CDOT : Standard Specification, Subsection 711.02
- [x] ASTM : C260
- [x] AASHTO : M194
- [ ] FHWA :
- [x] other : Corps of Engineers Specification CRD C-13 / ANSI/NSF STD 61

- [x] Certificate of Compliance (COC) provided
- [ ] Certificate of Verification (COV) provided for select categories ONLY

Product Testing: (National/independent laboratories or universities with Report Date.) **Certified Test Report** (CTR) provided to validate all claims.

- [x] NTPEP-AASHTO : CADD-2019-01-091
- [ ] FHWA :
- [ ] other :
- [ ] other :
- [ ] other :

State DOT Approvals, (current documentation required): Attached 38 DOT approvals

Expiration Date 4 Years / 06-16-2024

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

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

Alternate Product Category: Free sample(s) can be shipped to you upon request
Additional Comments: