

Pre-Approved Product Evaluation Request & Summary

Product Evaluation Coordinator

Colorado Department of Transportation 4670 North Holly Street
Denver, Colorado 80216

APL Reference No.

3905-25

Material Code

711.02.01.00

Material Code description full name

Concrete, Admixture

Part 1

Product Name:

Eucon MRX [Type A, F]

Product category:

Concrete, Admixture

Product Representative / Distributer (name & address):

Bethany Booth

The Euclid Chemical Company
19320 Redwood Rd.
Cleveland, Ohio 44110

Manufacturer (name & address):

The Euclid Chemical Company

Attn: Brian Lewis
The Euclid Chemical Company
19215 Redwood Road. Cleveland, Ohio 44110

Phone: (216) 692-8357 E-mail: bbooth@euclidchemical.com

Website address

www.euclidchemical.com

Phone: (216) 531-9222 E-mail: nfo@euclidchemical.com

Website address

www.euclidchemical.com

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

Eucon MRX is available in bulk, 275 gal (1041L) totes, 55 gal (208 L) drums, and 5 gal (18.9 L) pails. Eucon MRX is a specially formulated mid-range water reducing and plasticizing admixture formulated using advanced dispersant technologies, specifically engineered for a wide range of dosage rates without causing excessive retardation. Eucon MRX can be used to reduce the total cement content and in combination with supplementary cementitious materials (SCMs). EUCON MRX contains no added chlorides or chemicals known to promote the corrosion of steel. Eucon MRX admixture meets requirements of ASTM C494/C494M and AASHTO M-194 as Type A & F admixtures. Eucon MRX is available in bulk, 275 gal (1041L) totes, 55 gal (208 L) drums, and 5 gal (18.9 L) pails. The recommended dosage rate for Eucon MRX is 3-12 oz/100lbs (195 to 782 mL/100 kg) of total cementitious materials.

Standard Water Reduction: Eucon MRX will typically achieve ASTM C494 Type A performance at 3-5 fl oz (196 to 325 mL/100 kg) per 100 lbs of cementitious.

Mid-Range performance: Eucon MRX is usually used at the rate of 5 to 7 fl oz (326 to 522 mL/100 kg) per 100 lbs of cementitious.

Restrictions, (installation and/or use):

Care should be taken to maintain Eucon MRX above freezing; however, freezing and subsequent thawing will not harm the material if thoroughly agitated.

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

Produces concrete with lower water to cement ratio allowing for increased strength Increased concrete strength lowers the potential for cracks. Neutral effects on setting-times over a wide dosage range Improved workability aids in concrete placement and reduces labor cost Lower W/C allows for lower cement content/ ability to use SCMs, saving the producer money

Specifications: (listing those applicable is required.)

<input checked="" type="checkbox"/>	CDOT	711.02
<input checked="" type="checkbox"/>	AASHTO	M194
<input checked="" type="checkbox"/>	ASTM	C494, Type A and Type F
<input type="checkbox"/>	Other	
<input type="checkbox"/>	Other	

☒ Certificate of Compliance

☐ Certificate of Verification

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

<input checked="" type="checkbox"/>	AASHTO Product Evaluation & Audit Solutions (NTPEP)	CADD-2023-01-127 (Type A) & CADD-2023-01-128 (Type F)
<input type="checkbox"/>	ASTM	
<input type="checkbox"/>	Other	
<input type="checkbox"/>	Other	
<input type="checkbox"/>	Other	

State DOT Approvals:

Expiration Date 4 Year Cycle 05/15/2029

Sample Submitted ☐ Yes ☒ No ☐ N/A Safety Data Sheets (SDS): ☒ Yes ☐ No ☐ N/A

Alternate Product Category

CDOT Restrictions as per CDOT Approving Authority

Evaluators Signature: