

# Pre-Approved Product Evaluation Request & Summary

Product Evaluation Coordinator  
Colorado Department of Transportation 4670 North Holly Street  
Denver, Colorado 80216

APL Reference No.

2385-25

Material Code

711.02.01.00

Material Code description full name

Concrete, Admixture

## Part 1

Product Name:

EUCON WR-91 (Type A and D)

Product category:

Concrete | Admixture | Water Reducing and Retarding

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](mailto:bbooth@euclidchemical.com)

Website address

[www.euclidchemical.com](http://www.euclidchemical.com)

Phone: (216) 531-9222 E-mail: [info@euclidchemical.com](mailto:info@euclidchemical.com)

Website address

[www.euclidchemical.com](http://www.euclidchemical.com)

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

EUCON WR 91 is a liquid, water reducing and set retarding admixture formulated to improve setting and finishing characteristics for concrete when compared to other commonly used ASTM C 494 Type A water reducers. EUCON WR 91 contains no added chlorides or chemicals known to promote the corrosion of steel. EUCON WR 91 is packaged in bulk, 275 gal (1041 L) totes, 55 gal (208 L) drums, and 5 gal (18.9 L) pails. EUCON WR 91 is typically used at dosages of 2 to 10 oz per 100 lbs (130 to 650 mL per 100 kg) of cementitious material. Higher dosages are acceptable with specific materials being used. EUCON WR 91 has been tested per ASTM C494 at a Type A dosage of 4 fl oz/cwt (195mL/100 kg) of cementitious materials and at 7 fl oz/cwt (460 mL/100 kg) of cementitious materials for Type B and D requirements. EUCON WR 91 meets or exceeds the requirements of: • ASTM C 494, Type A & D • AASHTO M 194 • ANSI / NSF STD 61

**Restrictions, (installation and/or use):**

Never agitate with air. • Add to mix independent of other admixtures. Maintain EUCON WR 91 above freezing.

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

Plastic Concrete: • Improves finishability • Improves workability • Reduces water requirement • Reduces segregation • Improves setting times

Hardened Concrete: • Increases strength at all ages • Reduces permeability • Improves finished appearance • Reduces cracking • Increases durability • Non staining

**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
<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 type="checkbox"/>	AASHTO Product Evaluation & Audit Solutions (NTPEP)	CADD-2021-01-148 (Type A) & CADD-2021-01-149 (Type D)
<input type="checkbox"/>	ASTM	
<input type="checkbox"/>	Other	
<input type="checkbox"/>	Other	
<input type="checkbox"/>	Other	

State DOT Approvals:

Expiration Date 4 Year Cycle 04/09/2029

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: