

# Pre-Approved Product Evaluation Request & Summary

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

APL Reference No.

5994-26 Only

Material Code

711.02 CDOT Use Only

Material Code description full name

Concrete, Admixture CDOT Use only

## Part 1

Product Name:

DarCole Hydro Reducer 821 [Type A]

Product category:

Concrete\Admixture\Water-Reducing

Product Representative / Distributer (name & address):

Ryan Risley

DarCole Products, Inc.  
1940 Hwy 41 South  
Sebree, KY 42455

Manufacturer (name & address):

Ryan Risley

DarCole Products, Inc.  
1940 Hwy 41 South  
Sebree, KY 42455

Phone: (270) 826-6499 E-mail ryan@darcole.com

Website address

www.darcole.com

Phone: (270) 826-6499 E-mail: ryan@darcole.com

Website address

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

DarCole Hydro Reducer 821 is a multi-range water reducing admixture for concrete utilizing superior polycarboxylate technology.

Restrictions, (installation and/or use):

DHR 821 should be kept from freezing. It is compatible with most admixtures, but must be dispensed separately.

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

DHR 821 increases bonding, flexural and compressive strengths. Controlling the hydration of the cement maintains plasticity, slump, and temperature which allows more work time for placing and finishing.

Specifications: (listing those applicable is required.)

CDOT 711.02

AASHTO M194

ASTM C494

Other

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.

AASHTO Product Evaluation & Audit Solutions (NTPEP) CADD-2024-01-107

ASTM

Other

Other

Other

State DOT Approvals:

Expiration Date 4 Year Cycle

04/14/2030

Sample Submitted  Yes  No  N/A

Safety Data Sheets (SDS):  Yes  No  N/A

Signature is only required if there are CDOT Restrictions as per CDOT Approving Authority

CDOT Use Only

Evaluators Signature:

CDOT use only