

Pre-Approved Product Evaluation Request & Summary

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

APL Reference No.

CD5989-26 Only

Material Code

601.03 CDOT Use Only

Material Code description full name

Concrete Reinforcing Fiber, Plastic

Part 1

Product Name:

Adfil Strux 90/40 (4.0 lbs/yd³)

Product category:

Concrete\Fiber\MacroFiber

Product Representative / Distributer (name & address):

David Geary

Chryso Inc.
12770 Merit Dr. Suite 750
Dallas, TX 75251

Manufacturer (name & address):

David Geary

Fabpro
100 S. Fabpro Way
Kingman, KS 67068

Phone: (617) 981-1012 E-mail David.Geary@saint-gobain.com

Website address

www.Chrysoinc.com

Phone: (800) 821-4391 E-mail:

Website address

https://greatlakespolymers.com/

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

Adfil Strux 90/40 is a high strength, high modulus synthetic macrofiber that improves the toughness (residual flexural strength), impact and fatigue resistance properties of concrete, while also controlling plastic shrinkage cracks. STRUX 90/40 is 1.57 inches in length with an aspect ratio of 90. STRUX 90/40 is specifically designed to replace welded wire fabric, steel fibers and light rebar reinforcement in applications including bridge decks, slab-on-ground flooring, thin-walled precast applications and composite steel floor deck assemblies.

Restrictions, (installation and/or use):

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

Bridge decks, bridge piers, white topping, thin overlays, concrete repair along with many other potential applications

Specifications: (listing those applicable is required.)

<input checked="" type="checkbox"/>	CDOT	Structural Concrete- Materials 601.03
<input checked="" type="checkbox"/>	AASHTO	ASTM C1609, ASTM C1812
<input type="checkbox"/>	ASTM	
<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)	
<input type="checkbox"/>	ASTM	
<input checked="" type="checkbox"/>	Other	See ASTM independant lab testing reports detailed above
<input checked="" type="checkbox"/>	Other	ICC ES Evaluation Report --ES-2942
<input type="checkbox"/>	Other	

State DOT Approvals: 21 state approvals

Expiration Date 4 Year Cycle 03/30/2030

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