

Pre-Approved Product Evaluation Request & Summary

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

APL Reference No.

5877-25

Material Code

515.03.01.00

Material Code description full name

Sealer, Concrete

Part 1

Product Name:

SpecSilane 40

Product category:

Waterproofing | PCCP Sealer | Alky-alkoxy Silane

Product Representative / Distributer (name & address):

Caleb Stroud

SpecChem

1511 Baltimore Ave, Suite 600
Kansas City, MO, 64108

Manufacturer (name & address):

Caleb Stroud

SpecChem

444 Richmond Ave
Kansas City, KS 66101

Phone:(816) 261-5504 E-mail cstroud@specchem.com

Website address
specchem.com

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

SpecSilane 40 is a 40% solids, 100% reactive, silane sealer. This clear, penetrating, breathable water repellent is designed for use on interior and exterior above grade concrete or masonry surfaces. SpecSilane 40 penetrates the surface and bonds directly with the substrate, which results in a surface that is highly resistant to both moisture and salt.

SpecSilane 40 helps protect concrete and masonry surfaces, decks, pavements, parking structures, ramps, bridges, marine platforms etc. against the corrosive effects of de-icing salts, moisture and weathering to prevent spalling and deterioration of concrete structures. VOC compliant.

Restrictions, (installation and/or use):

Do not allow to puddle. All product should penetrate the substrate with no surface build-up. Do not apply if rain is expected within 4 to 6 hours.

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

Reduces intrusion of water, deicing chemicals, and airborne contaminants

Provides a chloride screen to help protect steel reinforcement from corrosion

Penetrates deep into capillaries of treated surface; Improves freeze-thaw resistance; Will not alter texture or appearance of treated surface

Specifications: (listing those applicable is required.)

<input checked="" type="checkbox"/>	CDOT	515.03
<input checked="" type="checkbox"/>	AASHTO	T259; T260
<input checked="" type="checkbox"/>	ASTM	C642; C672;
<input type="checkbox"/>	Other	
<input checked="" type="checkbox"/>	Other	NCHRP Series II; NCHRP Series IV

☒ 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	Independent laboratory - Issue date (2-28-25) NCHRP Series II & IV, ASMT C672, 642, AASHTO T259, T260
<input type="checkbox"/>	Other	
<input type="checkbox"/>	Other	

State DOT Approvals:MT

Expiration Date5 Year Cycle06/03/2030

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

Alternate Product Category

CDOT Restrictions as per CDOT Approving Authority

must be compatible with selected curing compound

Evaluators Signature:

Andrew Pott

Digitally signed by Andrew Pott
Date: 2025.11.05 07:47:17 -07'00'