COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

APL Reference No. 3104-10

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

Material code: 515.03.01.00

FOR INTERNAL CDOT USE

Material code description full name: Sealer, Concrete

PART 1

Product name: Hydrozo Silane 40 VOC

Product category: Waterproofing\Concrete Sealer\Alkyl-alkoxy Silane

Product representative (name & address):
Attn: Jeff Lungrin
BASF Building Systems
341 Marshal Road
Newark, TX 76071
Phone: (682) 557-3974 FAX:

Manufacturer (name & address):
Attn: Dan Kime
BASF Building Systems
889 Valley Park Drive
Shakopee, MN 55379
Phone: (800) 433-9517 FAX: (800) 496-6067

Web-site address: www.buildingsystems.basf.com

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Description of the product: (Include specific quantifiable details from tech data sheet. Advertising generalities are not appropriate.)
Hydrozo Silane 40 VOC is a clear, breathable, solvent-based, VOC-compliant, greater than 40% alkylakoxysilane penetrating sealer. Typical drying time is 4 hours at 70°F and 50% relative humility. Penetrates deeply into substrate and chemically reacts with the concrete to form a long lasting water-repellent surface. Transparent and does not alter natural surface appearance.

Restrictions, (installation and/or use):
Air and surface temperature should be 40°F or higher during application.

Use of the product, (be specific to CDOT highway activities only):
For bridge decks and other concrete surfaces requiring a penetrating sealer.

Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value then other manufacturer's products):
Hydrozo Silane 40 VOC is formulated to protect exterior horizontal and above grade concrete wearing surfaces to include precast, prestressed and pour in place. It helps protect from damage caused by chloride intrusion and extends the life of structures.

Specifications, (listing those applicable is required) **& Certificate of Compliance** (required to certify compliance with listed specifications):

- ☐ CDOT :
- ☒ ASTM : C 666, C 672
- ☐ AASHTO :
- ☐ FHWA :
- ☐ other :

Product testing, (from national/independent laboratories or universities) **& Certified Test Report** (CTR required to validate all claims):

- ☐ NTPEP-AASHTO :
- ☐ FHWA :
- ☒ other : Nelson Testing Laboratories (September 14, 2009)
- ☐ other :

State DOT Approvals, (current documentation required):
Ohio, Oregon

Sample submitted: ☐ yes ☒ no ☐ n/a

Materials Safety Data Sheets (MSDS): ☒ yes ☐ no ☐ n/a

Notes/Additional Comments