

**COLORADO DEPARTMENT OF TRANSPORTATION**  
**PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY**

APL Reference No.

**3109-19**

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

Material code:

**515.03**

Material code description full name:

**Waterproofing\Concrete Sealer**

**PART 1**

Product name: <b>D.O.T. Bridge and Highway Concrete Sealer (B97 Series)</b>	Product category: <b>Waterproofing\Concrete Sealer</b>
Product Representative (name & address): Attn: <b>Derrick Castle</b>  <b>The Sherwin-Williams Company</b> <b>1834 Clintonville Road</b> <b>Paris, KY 40361</b> Phone: <b>913-481-0612</b> E-mail: <b>Derrick.Castle@sherwin.com</b>	Manufacturer (name & address): Attn:  <b>The Sherwin-Williams Company</b> <b>101 Prospect Ave. N.W.</b> <b>Cleveland, OH 44115</b> Phone: E-mail:
Web-site address: <b>www.sherwin-williams.com</b>	Web-site address: <b>www.sherwin-williams.com</b>

**Description of the product:** (Include specific quantifiable details from tech data sheet. Advertising generalities are not appropriate.)  
**D.O.T. Bridge and Highway Concrete Sealer** is an opaque, Silicone Acrylic sealer formulated to bond with concrete or masonry surfaces to provide outstanding penetration, chloride intrusion protection and color retention. Dry "to touch" in 15 minutes and to "recoat" in 3 hours at 77°F and 50% relative humidity. VOC 568 g/L; 4.74 lb/gal (may vary depending on color). Tested for and passed: adhesion to concrete, accelerated weathering, water vapor transmission, chloride penetration, freeze / thaw resistance, fungus growth.

**Restrictions,** (installation and/or use):  
**Minimum application temperature 35°F and a maximum application temperature of 100°F. Relative humidity 85% maximum.**

**Use of the product,** (be specific to CDOT highway activities only):  
**Acceptable applications include: concrete barriers, sound walls, bridges, slope paving, barrier walls and bridge abutments with excellent long-term results.**

**Benefits to CDOT,** (how will your product enhance quality, improve safety, save money, be a better value than other manufacturer's products):  
**The opaque nature of this product hides surface imperfections while providing a waterproofing barrier. The thermoplastic nature of the resin allows for superior graffiti maintenance. Low film build will maintain architectural details. Bonds with the surface and will not peel or flake. Dries "to touch" in 15 minutes and "to recoat" in 3 hours at 77°F. Product can be applied down to 35°F, extending the coating season and helping to finish projects.**

**Specifications:** (listing those applicable is required)

CDOT :  
 ASTM :  
 AASHTO:  
 FHWA :  
 other : **TT-C-555B, NCHRP 244 - Report - Series II, Sherwin-Williams Freeze-Thaw Test, TT-C-555B Table II Test Method B,SS-W-110C ✓**

Certificate of Compliance (COC) provided  Certificate of Verification (COV) provided for select categories ONLY

**Product Testing:** (National/independent laboratories or universities with Report Date.) **Certified Test Report (CTR)** provided to validate all claims.

NTPEP-AASHTO:  
 FHWA :  
 other : **Kentucky Transportation Center (June 2006)**  
 other :  
 other :

**State DOT Approvals,** (current documentation required): **NM, SC, WA** Expiration Date **4 Years / 03-20-2023**

Sample submitted:  yes  no  n/a Safety Data Sheets (SDS):  yes  no  n/a

Alternate Product Category:  
 Additional Comments:  
**Samples available upon request**