



Construction Technology Laboratories, Inc.

5420 Old Orchard Road  
Skokie, Illinois 60077  
847.965.7500  
Fax 847.965.6541  
[www.CTLGroup.com](http://www.CTLGroup.com)

December 18, 2001

Mr. Shawn Carney  
United Coatings  
E 19011 Cataldo  
Greenacres, WA 99016

Via Fax  
Phone: (800) 926-7990  
Fax: (509) 928-1116

**Test Results of AASHTO T 259/T260 for One Product Identified "Canyon Tone Clear"  
CTL Project No.: 402107**

Dear Mr. Carney:

Attached are final test results for the referenced product. The product arrived at CTL in March 2000. The coverage rate used for the referenced product was 125 ft<sup>2</sup>/gal.

Six 12x12x3-in. concrete test specimens were fabricated and tested in accordance with AASHTO T 259-80, "Resistance of Concrete to Chloride Ion Penetration." Three of the specimens were used for control and three were sealed using "Canyon Tone Clear". At the conclusion of the 90-day ponding period, chloride sampling and determinations for each set of slabs were performed in accordance with AASHTO T 260-94, "Standard Method of Test for Sampling and Testing for Total Chloride Ion in Concrete and Concrete Raw Materials." Results indicate the concrete sealed with "Canyon Tone Clear" at the application rate of 125 ft<sup>2</sup>/gal significantly inhibited chloride ingress.

Thank you for choosing CTL for your testing needs. If you have any questions, please contact me.

Very truly yours,  
**CONSTRUCTION TECHNOLOGY LABORATORIES, INC.**

Michael Morrison  
Sr. Materials Technologist  
Materials Testing & Analysis  
[mmorrison@ctlgroup.com](mailto:mmorrison@ctlgroup.com)

Attachments



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Client: United Coatings  
Project: Testing of "Canyon Tone Clear"  
Contact: Mr. Shawn Carney  
Submitter: R. Mangio

CTL Proj. No.: 402107  
CTL Proj. Mgr.: M. Morrison  
Technician: T. Jore  
Approved: M. Morrison  
Date: July 27, 2000

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**Mix Design and Fresh Concrete Properties of Concrete Used to  
Fabricate Ponding Slabs for AASHTO T 259 / T 260 Testing**

<u>Material</u>	<u>Quantity</u>
Type I Portland Cement, CTL Lot No. 22930, pcy	658
Elgin Sand, pcy	1268
Thornton Limestone, pcy	1519
Water, pcy	329

<u>Properties</u>	<u>Parameters</u>
Slump, in.	5.0
Air Content, %	6.0
Unit Weight, pcf	143.0

Client: United Coatings

Project: AASHTO T 259/T260 Testing of "Canyon Tone Clear"

Used at The Application Rate of 125 ft<sup>2</sup>/gal

Contact: Mr. Shawn Carney

Submitter: R Mangio

CTL Project No.: 402107

CTL Project Mgr.: M. Morrison

Technician: Physical Testing

Approved: H. M. Kanare

Date: June 28, 2000

Water-Soluble Chlorides, Weight Percent of Sample, Determined in Accordance with  
AASHTO T 260 After AASHTO T 259, 90-day Chloride Ponding Test

Sample	Sample Depth	Sample Identification	
		Control	Canyon Tone*
A	0 - 0.5 inch	0.261	0.068
B	0 - 0.5 inch	0.271	0.037
C	0 - 0.5 inch	0.247	0.058
<i>Average</i>		<b>0.260</b>	<b>0.054</b>
A	0.5 - 1.0 inches	0.083	0.014
B	0.5 - 1.0 inches	0.068	0.047
C	0.5 - 1.0 inches	0.077	0.049
<i>Average</i>		<b>0.076</b>	<b>0.037</b>

\* Canyon Tone Clear