Certificate of Analysis

Accelerated Weathering - Xenon Test Chamber

Product Name	Canyon Tone Stain (CTS-W)
Color	White
Batch Number / Date	94320 / 5-2-02
Test Date	6/28/04
Test Method	ASTM G-155-98 Standard Practice for Operating Xenon Arc Light Apparatus for Exposure of Non-Metallic Materials
Test Method	ASTM D-2244 Standard Test Method for Calculation of Color Differences from Instrumentally Measured Color Coordinates.
Spectrophotometer	X-Rite SP-62 Calibration due: 6/12/05 Illuminate Value of D6500 at 10°, Specular Gloss included.
Test Conditions	51 minutes light at 63° C. Black Panel Temperature 9 minutes light and water spray - repeating cycle
Lamp / Irradiance	Xenon / 0.35 W/m^2@340nm

This certificate confirms that the above product was tested as per stated standard specification using calibrated equipment and qualified staff. After 4000 hours accelerated weathering the following results were obtained.

Color Evaluation

Parameter		L*	a*	b*		ΔE
Initial		94.22	-0.77	2.50		
1000 hr		93.61	-0.75	3.04		0.81
2000 hr		92.72	-1.14	3.56		1.87
3000 hr		91.99	-1.65	3.49		2.59
4000 hr		91.30	-1.36	3.38		3.11

Visual Evaluation

Product		Color	Chalking	Cracking	Checking	Erosion	Flaking
CTS-W		White	5	10	9	10	10
Comments: Visual evaluation based on a scale of 10 with 10 representing no degradation as based on Pictorial Standards of Coatings Defects / Federation of Societies for Coatings Technology No visible yellowing							

Test conditions (if different from standard test conditions) and/or notes.
Substrate: 6" x 8" Concrete panel (5.5 sack - .49 w/c ratio).

Results witnessed and verified by a technical representative of GeoEngineers, Inc.

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Reviewed by:
Timothy D. Barber

Certificate of Analysis

Accelerated Weathering - Xenon Test Chamber

Product Name	Canyon Tone Stain (CTS-W)
Color	Blue
Batch Number / Date	95024 / 8-28-02
Test Date	6/28/04
Test Method	ASTM G-155-98 Standard Practice for Operating Xenon Arc Light Apparatus for Exposure of Non-Metallic Materials
Test Method	ASTM D-2244 Standard Test Method for Calculation of Color Differences from Instrumentally Measured Color Coordinates.
Spectrophotometer	X-Rite SP-62 Calibration due: 6/12/05 Illuminate Value of D6500 at 10°, Specular Gloss included.
Test Conditions	51 minutes light at 63° C. Black Panel Temperature 9 minutes light and water spray - repeating cycle
Lamp / Irradiance	Xenon / 0.35 W/m^2@340nm

This certificate confirms that the above product was tested as per stated standard specification using calibrated equipment and qualified staff. After 4000 hours accelerated weathering the following results were obtained.

Color Evaluation

Parameter		L*	a*	b*		ΔE
Initial		61.99	-15.76	-34.13		
1000 hr		61.73	-15.97	-31.49		2.66
2000 hr		62.66	-15.96	-29.67		4.51
3000 hr		62.77	-15.67	-27.86		6.32
4000 hr		64.51	-13.79	-24.63		10.02

Visual Evaluation

Product		Color	Chalking	Cracking	Checking	Erosion	Flaking
CTS-W		Blue	5	10	8	10	10
Comments: Visual evaluation based on a scale of 10 with 10 representing no degradation as based on Pictorial Standards of Coatings Defects / Federation of Societies for Coatings Technology							

Test conditions (if different from standard test conditions) and/or notes.
Substrate: 6" x 8" Concrete panel (5.5 sack - .49 w/c ratio).

Results witnessed and verified by a technical representative of GeoEngineers, Inc.

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Reviewed by:
Timothy D. Barber

Certificate of Analysis

Accelerated Weathering - Xenon Test Chamber

Product Name	Canyon Tone Stain (CTS-W)
Color	Brown
Batch Number / Date	96250 / 11-11-03
Test Date	6/28/04
Test Method	ASTM G-155-98 Standard Practice for Operating Xenon Arc Light Apparatus for Exposure of Non-Metallic Materials
Test Method	ASTM D-2244 Standard Test Method for Calculation of Color Differences from Instrumentally Measured Color Coordinates.
Spectrophotometer	X-Rite SP-62 Calibration due: 6/12/05 Illuminate Value of D6500 at 10°, Specular Gloss included.
Test Conditions	51 minutes light at 63° C. Black Panel Temperature 9 minutes light and water spray - repeating cycle
Lamp / Irradiance	Xenon / 0.35 W/m^2@340nm

This certificate confirms that the above product was tested as per stated standard specification using calibrated equipment and qualified staff. After 4000 hours accelerated weathering the following results were obtained.

Color Evaluation

Parameter		L*	a*	b*		ΔE
Initial		34.45	7.40	6.01		
1000 hr		34.15	6.89	5.91		0.60
2000 hr		33.90	7.22	6.58		0.81
3000 hr		37.69	6.37	5.69		3.41
4000 hr		43.39	5.88	5.20		9.10

Visual Evaluation

Product		Color	Chalking	Cracking	Checking	Erosion	Flaking
CTS-W		Brown	5	10	8	10	10
Comments:	Visual evaluation based on a scale of 10 with 10 representing no degradation as based on Pictorial Standards of Coatings Defects / Federation of Societies for Coatings Technology						

Test conditions (if different from standard test conditions) and/or notes.
Substrate: 6" x 8" Concrete panel (5.5 sack - .49 w/c ratio).

Results witnessed and verified by a technical representative of GeoEngineers, Inc.

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Reviewed by:
Timothy D. Barber