



# COLOR LIGHTNESS ANALYSIS

REPORT DATE: April 2018

COMPLETED BY: CTL GROUP

AQUAVATIONS	DRY					WET				
	L*	new results	CIE VALUES		LRV	L*	CIE VALUES		LRV	New
name			a*	b*			a*	b*		
KRYSTALKRETE AQUAMARINE	81.33	81	-0.78	4.66	59.1	79.39	-1	6.26	55.6	40.2
KRYSTALKRETE BLUE PEPPER	80.11	81.1	-0.5	2.7	56.9	73.73	-0.99	3.41	46.3	40
KRYSTALKRETE BLUE QUARTZ	78.9	83.7	-1.36	0.95	54.8	75.57	-1.74	1.82	56.9	44.7
KRYSTALKRETE IVORY	81.98	87.2	-0.71	7.26	60.3	81.16	-0.72	7.83	58.8	55.6
KRYSTALKRETE KRYSTAL BLUE	82.31	81.9	-1.45	5.83	60.9	81.85	-1.51	5.79	60	40.4
KRYSTALKRETE SUPER BLUE	78.82	77.8	-1.08	1.38	54.6	73.21	-1.71	1.3	45.5	36.2
KRYSTALKRETE TEAL	79.32	77.9	-0.9	4.3	55.5	55.5	73.5	-1.36	45.9	35.5



**NOTES:**

The samples were submitted as cast mortar tiles of varying size with formed side and bottom surfaces. The top surfaces were smooth to slightly rough with exposed aggregated particles. For each sample, measurements were first taken on the dry top surface. The surface was then placed under water for approximately 15 seconds lightly blotted to remove excess surface moisture, and re-tested in the wet condition. This analysis represents specifically the samples submitted.

**Analysis Information:**

\*Instrument X-Rite Sphere Spectrophotometer, Model SP62, Serial Number 006194. \*Specular component included.

\*For each moisture condition, three measurements were taken over the surface of the sample, reported values represent the average of these measurements.

CIE Illuminant/standard observer: D65/10degree (daylight 6500k, 10degree observer). Description of CIE values:

L\* = Light Reflectance Value. LRV is the measured CIE Y value. This report may not be reproduced except in its entirety.

**Florida Code:**

454.1.2.4 Color. Pool floors and walls shall be white or light pastel in color and shall have the characteristic of reflecting rather than absorbing light. The interior finish coating floors and walls shall be comprised of a nonpigmented white cementitious binder component together with a sand/aggregate component. The finish coating shall have a dry lightness level (CIE L value) of 80.0 or greater **and** a wet luminous reflectance value (CIE Y value) of 50.0 or greater