



COLOR LIGHTNESS ANALYSIS

REPORT DATE: April 2018

COMPLETED BY: CTL GROUP

AQUAVATIONS	DRY				WET			
	CIE VALUES			LRV	CIE VALUES			LRV
	L*	a*	b*		L*	a*	b*	
KRYSTALKRETE SUPER BLUE	78.82	-1.08	1.38	54.6	73.21	-1.71	1.3	45.5
KRYSTALKRETE BLUE QUARTZ	84.42	-1.78	2.03	64.9	80.12	-2.24	3.22	56.9
KRYSTALKRETE TEAL	79.32	-0.9	4.3	55.5	55.5	73.5	-1.36	45.9
HYDRAZZO OCEANA AZURE	79.38	-3.58	-5.6	55.6	74.43	-4.67	-6.94	47.4
HYDRAZZO CATALINA BLUE	79.69	-4.76	-4.5	56.1	76.75	-5.83	-5.14	51.1
KRYSTALKRETE BLUE PEPPER	80.11	-0.5	2.7	56.9	73.73	-0.99	3.41	46.3
CRYSTALSTONES NATURAL STONE PEARL	80.54	0.1	6.32	57.6	74.7	-0.01	8.94	47.8
KRYSTALKRETE AQUAMARINE	81.33	-0.78	4.66	59.1	79.39	-1	6.26	55.6
KRYSTALKRETE IVORY	81.98	-0.71	7.26	60.3	81.16	-0.72	7.83	58.8
KRYSTALKRETE KRYSTAL BLUE	82.31	-1.45	5.83	60.9	81.85	-1.51	5.79	60
HYDRAZZO BELLA AZURE	82.4	-5.04	-6.54	61.1	76.88	-7.1	-8.92	51.3
HYDRAZZO OCEANA TURCHINO	82.47	-4.83	-0.93	61.2	76.27	-7.27	-0.56	50.3
HYDRAZZO GULFSTREAM BLUE	83.09	-1.71	1.69	62.3	79.78	-1.99	2.14	56.3
HYDRAZZO PACIFICO	83.58	-0.94	1.35	63.3	76.52	-1.27	2.49	50.7
HYDRAZZO OCEANA	84.35	-0.53	1.12	64.8	79.88	-0.72	2.65	56.5
SUNSTONE PEARL GOLDEN PEARL	84.69	-0.5	7.23	65.4	81.75	-0.36	7.71	59.8
SUNSTONE PEARL WHITE PEARL	84.87	-1.07	7.83	65.8	83.97	-1.06	8.26	64
SUNSTONE PEARL COVE BLUE	85.15	-1.35	7.48	66.3	84.58	-1.38	7.7	65.2
HYDRAZZO BELLA TURCHINO	85.44	-7.56	-0.49	66.9	81.1	-10.65	-0.37	58.7
HYDRAZZO BIMINI TEAL	87.68	-0.98	3.93	71.4	83.07	-1.37	5.13	62.3
HYDRAZZO ARCTIC WHITE/GRECIAN WHITE	88.51	-0.78	4.66	73.1	84.72	-0.93	6.63	65.5

updated 2020

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