

PEBBLEQUARTZ TECHNICAL RESULTS

Color Lightness Analysis

Finish Name	Dry				Wet			
	CIE Values			LRV	CIE Values			LRV
	L*	a*	b*		L*	a*	b*	
PebbleQuartz: White Classic	89.92	-0.73	1.65	76.13	80.26	-0.85	4.93	57.14
PebbleQuartz: Baja Blue	84.34	-3.56	-3.63	64.70	78.39	-4.29	-3.98	53.90

Report Date: Aug 2023. Completed by CTL Group

- The samples were submitted as cast mortar tiles with formed side and bottom surfaces. The top surfaces were a hard-troweled finish. Measurements were first taken on the dry top surfaces. The surfaces were then placed under running 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.
- CIE Illuminant/standard observer: D65/10° (daylight 6500K, 10° observer). Description of CIE values: L* = lightness from black (0) to white (100); a* = green (-a) to red (+a); b* = blue (-b) to yellow (+b). LRV = light reflectance value. LRV is the measured CIE Y value.
- Lightness values were determined by utilization of ASTM Test Methods D1347, D1477, and D4086.

Compressive Strength

ASTM Spec C 109

7 day: 5,881 psi
28 day: 6,718 psi
90 day: 8,212 psi

Coefficient of Friction

ASTM Spec C 1028

Static (dry): 0.67
Dynamic (dry): 0.61
Dynamic (wet): 0.63

Drying Shrinkage

ASTM Spec C 596

7 day: 0.0620%
14 day: 0.1228%
21 day: 0.1475%
28 day: 0.1750%

Tensile Strength

ASTM Spec C 307

28 day: 650 psi