

PEBBLESHEEN TECHNICAL RESULTS

Color Lightness Analysis

Finish Name	Dry				Wet			
	CIE Values			LRV	CIE Values			LRV
	L*	a*	b*		L*	a*	b*	
PebbleSheen: Cool Blue	84.10	-0.84	3.79	64.3	78.40	-1.20	5.91	53.9
PebbleSheen: Arctic White	85.49	-0.51	3.13	67	79.44	-0.78	5.13	55.7
PebbleSheen: White Diamonds	81.11	0.09	5.08	58.7	75.39	-0.02	6.48	48.9
PebbleSheen: Commercial White WP-5/AW-2	83.74	-0.58	4.97	63.6	75.64	-1.04	7.20	49.3
PebbleSheen: Commercial White WP-4/AW-3	82.97	-0.57	4.90	62.1	76.39	-0.99	6.71	50.5

Report Date: Feb 2018, Completed by CTL Group

- The samples were submitted as cast mortar tiles with formed side and bottom surfaces. The top surfaces were exposed aggregate finishes. 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: 8,621 psi
28 day: 10,570 psi
90 day: 12,434 psi

Drying Shrinkage

ASTM Spec C 596

7 day: 0.0900%
14 day: 0.1390%
21 day: 0.1588%
28 day: 0.1773%

Coefficient of Friction

ASTM Spec C 1028

Static (dry): 0.67
Dynamic (Dry): 0.61
Dynamic (Wet): 0.63

Tensile Strength

ASTM Spec C 307

28 day: 501 psi