

CAROLINA STALITE COMPANY

MANUFACTURERS OF LIGHTWEIGHT AGGREGATE "STALITE"

PHONE 704-637-1515 FAX 704-642-1572

DRAWER 1037 SALISBURY, N.C. 28145-1037

SHIPPING POINTS: GOLD HILL, NC; AQUADALE, NC



TEST REPORT FOR ARCHITECTURAL CAST STONE ASTM C1364 Certification Tested per ASTM C1194/1195

PLANT: JCC Lexington

Date Tested: 5/12/2023

BLOCK TYPE: Precast

Date Produced: Not Reported

BLOCK DIMENSIONS				Mix Design	
NO.	LENGTH (IN)	WIDTH (IN)	HEIGHT (IN)	Material	Lbs
1	15.64	3.69	7.65	Type III Cement	750
	15.65	3.70	7.66	Fine Agg 1	1540
2	15.67	3.71	7.64	Fine Agg 2	1540
	15.66	3.68	7.66	Fine Agg 3	1540
3	15.69	3.65	7.67	RainBlock	Per Mfr.
	15.68	3.66	7.68	Water	6%
PHYSICAL PROPERTIES					
NO.	REC'D WEIGHT	SAT WEIGHT	IMMERS'D WEIGHT	DRY WEIGHT	DENSITY PCF
1	0.58	0.60	0.34	0.58	137.38
2	0.56	0.59	0.34	0.56	138.97
3	0.56	0.58	0.33	0.56	138.47
AVERAGE	0.57	0.59	0.34	0.57	138.27
NO.	MOISTURE CONTENT	VOLUME, (CU. FT.)		ABS. % Weight	
		GROSS	NET		
1	6.25	0.26	0.0042	3.71	
2	6.25	0.26	0.0040	5.72	
3	13.89	0.25	0.0040	4.28	
AVERAGE	8.80	0.26	0.0041	4.57	
NO.	AVG. AREA, SQ. IN.		LOAD, (LBS)	GROSS, (PSI)	NET, (PSI)
	GROSS	NET			
1	57.71	4.00	36780	9200	9200
2	58.14	4.00	37990	9500	9500
3	57.27	4.00	38360	9590	9590
AVERAGE	57.71	4.00	37710	9430	9430

The blocks tested met ASTM C1364 specifications for the tests performed

** Coupons cut per applicable standards

Submitted By:

Daniel Furr, PE

GOLD HILL RESEARCH AND MATERIALS LABORATORY

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