

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 CONCRETE MASONRY UNITS ASTM C90 Certification Tested per ASTM C140

PLANT: JCC - Willow Springs

8 Inch Splitface ProBlock

Date Tested: 8/27/2020

BLOCK TYPE: Medium weight

Date Produced: 8/14/2020

Gray

BLOCK DIMENSIONS				AVERAGE THICKNESS (in)	
NO.	LENGTH (IN)	WIDTH (IN)	HEIGHT (IN)		
1	15.59	7.66	7.59	WEB	1.14
	15.59	7.65	7.61	FACE	1.62
2	15.59	7.63	7.59	WEB AREA (in ² /sf)	20.78
	15.60	7.66	7.61		
3	15.59	7.66	7.59	EQUIVALENT	3.93
	15.60	7.66	7.61		
PHYSICAL PROPERTIES					
NO.	REC'D WEIGHT	SAT WEIGHT	IMMERS'D WEIGHT	DRY WEIGHT	DENSITY PCF
1	33.45	35.07	17.85	32.72	118.58
2	32.90	34.54	17.58	32.11	118.14
3	31.60	33.17	16.90	30.83	118.22
AVERAGE	32.65	34.26	17.44	31.88	118.31
NO.	MOISTURE CONTENT	VOLUME, (CU. FT.)		ABS. % Weight	ABS. PCF
		GROSS	NET		
1	31.29	0.52	0.28	7.19	8.52
2	32.84	0.52	0.27	7.57	8.94
3	32.99	0.52	0.26	7.59	8.97
AVERAGE	32.37	0.52	0.27	7.45	8.81
NO.	AVG. AREA, SQ. IN.		LOAD, (LBS)	GROSS, (PSI)	NET, (PSI)
	GROSS	NET			
1	119.33	62.80	160850	1348	2560
2	118.97	61.87	171090	1438	2770
3	119.39	59.35	194520	1629	3280
AVERAGE	119.23	61.34	175486.67	1472	2870

The blocks tested met ASTM C-90 specifications for the tests performed

Equivalent Thickness of the blocks tested indicates a fire rating of

1.5 hours based on ACI 216.1 tables.

Submitted by:

Andy R. Wall

GOLD HILL RESEARCH AND MATERIALS LABORATORY

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