

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 - Lexington
Date Tested: 2/12/2021
Date Produced: Not Reported

BLOCK TYPE: 8 Inch ProBlock Splitface
Medium Weight
Gray

BLOCK DIMENSIONS				AVERAGE THICKNESS (in)	
NO.	LENGTH (IN)	WIDTH (IN)	HEIGHT (IN)		
1	15.59	7.59	7.60	WEB	1.11
	15.56	7.65	7.61	FACE	1.57
2	15.58	7.66	7.60	WEB AREA (in ² /sf)	20.61
	15.56	7.63	7.59		
3	15.58	7.60	7.61	EQUIVALENT	3.80
	15.56	7.64	7.59		

PHYSICAL PROPERTIES					
NO.	REC'D WEIGHT	SAT WEIGHT	IMMERS'D WEIGHT	DRY WEIGHT	DENSITY PCF
1	31.86	33.12	17.10	30.74	119.71
2	32.32	33.68	17.45	31.15	119.78
3	33.00	34.39	17.93	31.86	120.75
AVERAGE	32.39	33.73	17.49	31.25	120.08
NO.	MOISTURE CONTENT	VOLUME, (CU. FT.)		ABS. % Weight	ABS. PCF
		GROSS	NET		
1	47.07	0.52	0.26	7.77	9.30
2	46.32	0.52	0.26	8.12	9.73
3	44.91	0.52	0.26	7.95	9.60
AVERAGE	46.10	0.52	0.26	7.95	9.54
NO.	AVG. AREA, SQ. IN.		LOAD, (LBS)	GROSS, (PSI)	NET, (PSI)
	GROSS	NET			
1	118.37	58.40	264950	2238	4540
2	119.35	59.12	208700	1749	3530
3	118.38	59.93	228860	1933	3820
AVERAGE	118.70	59.15	234170.00	1973	3960

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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