

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: 2/7/2021
Date Produced: Not Reported

BLOCK TYPE: 8 Inch ProBlock
Lightweight
Gray

BLOCK DIMENSIONS				AVERAGE THICKNESS (in)	
NO.	LENGTH (IN)	WIDTH (IN)	HEIGHT (IN)		
1	15.59	7.62	7.62	WEB	1.30
	15.56	7.61	7.60	FACE	1.43
2	15.61	7.63	7.60	WEB AREA (in ² /sf)	23.89
	15.59	7.67	7.61		
3	15.58	7.61	7.59	EQUIVALENT	3.80
	15.58	7.66	7.59		
PHYSICAL PROPERTIES					
NO.	REC'D WEIGHT	SAT WEIGHT	IMMERS'D WEIGHT	DRY WEIGHT	DENSITY PCF
1	28.13	30.60	14.06	27.55	103.94
2	27.66	29.73	13.88	26.55	104.54
3	28.79	30.87	14.51	27.72	105.70
AVERAGE	28.19	30.40	14.15	27.27	104.72
NO.	MOISTURE CONTENT	VOLUME, (CU. FT.)		ABS. % Weight	ABS. PCF
		GROSS	NET		
1	18.93	0.52	0.27	11.09	11.52
2	34.92	0.52	0.25	11.98	12.52
3	34.09	0.52	0.26	11.39	12.03
AVERAGE	29.31	0.52	0.26	11.48	12.03
NO.	AVG. AREA, SQ. IN.		LOAD, (LBS)	GROSS, (PSI)	NET, (PSI)
	GROSS	NET			
1	118.81	60.12	225410	1897	3750
2	119.12	57.75	208400	1749	3610
3	118.59	59.69	192620	1624	3230
AVERAGE	118.84	59.19	208810.00	1757	3530

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

Equivalent Thickness of the blocks tested indicates a fire rating of

2.0 hours based on ACI 216.1 tables.

Submitted By:

Andy R. Wall

GOLD HILL RESEARCH AND MATERIALS LABORATORY

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