

# 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

8 Inch Architectural Splitface

Date Tested: 11/8/2020

BLOCK TYPE: Normal Weight

Date Produced: Not Reported

Gray

BLOCK DIMENSIONS				AVERAGE THICKNESS (in)	
NO.	LENGTH (IN)	WIDTH (IN)	HEIGHT (IN)		
1	15.56	7.66	7.65	WEB	1.18
	15.59	7.69	7.67	FACE	1.52
2	15.57	7.60	7.62	WEB AREA (in <sup>2</sup> /sf)	32.75
	15.58	7.73	7.67		
3	15.56	7.59	7.55	EQUIVALENT	4.26
	15.57	7.59	7.59		
PHYSICAL PROPERTIES					
NO.	REC'D WEIGHT	SAT WEIGHT	IMMERS'D WEIGHT	DRY WEIGHT	DENSITY PCF
1	42.37	44.10	25.42	41.68	139.20
2	41.49	43.28	24.92	40.83	138.77
3	39.14	41.14	23.52	38.56	136.62
AVERAGE	41.00	42.84	24.62	40.36	138.20
NO.	MOISTURE CONTENT	VOLUME, (CU. FT.)		ABS. % Weight	ABS. PCF
		GROSS	NET		
1	28.43	0.53	0.30	5.81	8.08
2	26.98	0.52	0.29	5.99	8.31
3	22.52	0.52	0.28	6.68	9.13
AVERAGE	25.98	0.52	0.29	6.16	8.51
NO.	AVG. AREA, SQ. IN.		LOAD, (LBS)	GROSS, (PSI)	NET, (PSI)
	GROSS	NET			
1	119.14	67.63	194080	1629	2870
2	118.36	66.76	179280	1515	2690
3	118.18	64.56	184500	1561	2860
AVERAGE	118.56	66.32	185953.33	1568	2810

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.

*Andy R. Wall*

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