

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
Date Tested: 2/17/2021
Date Produced: Not Reported

BLOCK TYPE: 8 Inch Splitface
Medium Weight
Gray

BLOCK DIMENSIONS				AVERAGE THICKNESS (in)	
NO.	LENGTH (IN)	WIDTH (IN)	HEIGHT (IN)		
1	15.60	7.67	7.60	WEB	1.08
	15.61	7.69	7.60	FACE	1.59
2	15.60	7.79	7.60	WEB AREA (in ² /sf)	29.87
	15.61	7.68	7.63		
3	15.60	7.68	7.63	EQUIVALENT	4.49
	15.61	7.67	7.63		
PHYSICAL PROPERTIES					
NO.	REC'D WEIGHT	SAT WEIGHT	IMMERS'D WEIGHT	DRY WEIGHT	DENSITY PCF
1	36.89	38.17	19.32	35.51	117.56
2	38.04	39.37	19.87	36.46	116.71
3	37.89	39.01	19.67	36.17	116.75
AVERAGE	37.60	38.85	19.62	36.05	117.01
NO.	MOISTURE CONTENT	VOLUME, (CU. FT.)		ABS. % Weight	ABS. PCF
		GROSS	NET		
1	51.80	0.53	0.30	7.50	8.82
2	54.27	0.53	0.31	7.96	9.29
3	60.51	0.53	0.31	7.84	9.15
AVERAGE	55.53	0.53	0.31	7.77	9.09
NO.	AVG. AREA, SQ. IN.		LOAD, (LBS)	GROSS, (PSI)	NET, (PSI)
	GROSS	NET			
1	119.60	68.68	185050	1547	2690
2	121.43	71.07	176470	1453	2480
3	119.90	70.15	161360	1346	2300
AVERAGE	120.31	69.96	174293.33	1449	2490

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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