

# Color & Chemical Laboratory

Test of Concrete Masonry Units  
Test Method: ASTM C 140

Submitted By : Daron Northeast

Date Made: N/A

Description: 4X8X16 Hollow Stone

Date Tested: February 14, 2003

Age of Specimen: > 28 Days

Project No.: N/A

Laboratory No.: 2300011

Average Gross Area	57.2	Sq. Inches
Average Net Area	43.1	Sq. Inches
Oven-Dry Weight of Concrete	125.78	lb/cubic foot
Average Annual RH	70.00	%
Max Var. From Specified Dimensions	0.05	Inches
Face Shell Thickness	1.06	Inches
Web Thickness	1.11	Inches
Equivalent Web Thickness	2.76	In./linear foot
* Type of Aggregate Used	N/A	
*Cement to Aggregate Ratio	N/A	
Net Volume	0.19	Cubic Feet
Gross Volume	0.25	Cubic Feet
Nominal Net Area	75.24	%

Specimen	Compressive Strength		Absorption		Moisture, % of Total Absorption
	Gross (psi)	Net (psi)	(%)	(lb/cu.ft.)	
1	1880	2490	8.2	10.6	67.33
2	1660	2200	10.1	12.6	53.14
3	1860	2480	10.2	12.7	52.89
Average:	1800	2390	9.5	11.9	57.79

\* Submitted Data

Remarks: All Units are sound and free of cracks or other defects. These units meet the compressive strength and absorption requirements of Standard ASTM Specification C-90, type I Hollow Load Bearing Concrete Masonry Units.



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John Van Dyke

Director of Technical Services