

Client: York Building Products
Address: Ms. Sandrann Cooke
950 Smile Way
York, PA 17404

Unit Specification: ASTM C1372

Unit Designation and Description: Segmental Retaining Wall Unit
Cornerstone SRW
Frederick Plant

Project No.: YORKX22001

Report Date: February 12, 2026

Project Name: York Building Products

Date Received: January 20, 2026

Date of Compression Testing: February 3, 2026

Date of Absorption Testing: February 3, 2026

Testing Technician: Bcooke

Laboratory Number: 215483

Summary of Test Results

Physical Property	Specification Values	Average Test Results
Net Compressive Strength (min.)	3000	4880 <i>psi</i>
Density		141.3 <i>pcf</i>
Absorption (max.)	13	6.5 <i>pcf</i>

DIMENSIONAL MEASUREMENTS					
Specimen No.	Received Weight	Front Length	Back Length	Width	Height
	<i>lb.</i>	<i>in.</i>	<i>in.</i>	<i>in.</i>	<i>in.</i>
1	83.2	16.1	18.0	12.2	8.0
2	83.1	16.1	18.0	12.1	8.0
3	81.5	16.0	18.0	12.1	8.0
4	84.0	16.0	18.0	12.0	8.0
5	83.9	16.0	18.0	12.1	8.0
6	82.0	16.0	18.0	12.2	8.0
Average	82.9	16.0	18.0	12.1	8.0

COMPRESSIVE STRENGTH						
Specimen No.	Dimensions			Cross-Sectional	Max. Load	Compressive Strength
	Length	Width	Height			
	<i>in.</i>	<i>in.</i>	<i>in.</i>	<i>in.²</i>	<i>lb</i>	<i>psi</i>
4	8.04	1.98	4.11	15.93	79940	5020
5	8.05	2.01	4.15	16.17	79010	4890
6	8.04	2.09	4.13	16.83	79890	4750
Average	8.04	2.03	4.13	16.31	79610	4880

ABSORPTION							
Specimen No.	Received Wt, W _R **	Immersed Wt, W _I	Saturated Wt, W _S	Oven-Dry Wt, W _D	Absorption		Density
	<i>lb</i>	<i>lb</i>	<i>lb</i>	<i>lb</i>	<i>pcf</i>	<i>%</i>	<i>pcf</i>
1	83.20	22.82	39.64	37.88	6.5	4.7	140.5
2	83.05	24.50	42.06	40.26	6.4	4.5	143.1
3	81.50	25.42	44.18	42.21	6.5	4.7	140.4
Average	82.58	24.25	41.96	40.12	6.5	4.6	141.3

**Received weight determined at the time of unit delivery to the job site or from units sampled at that time and delivered to the laboratory in sealed containers for moisture content determination.

Remarks: The units were tested according to ASTM C140. This set meets the absorption and compressive strength requirements of ASMT C1372.

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Samples were obtained and delivered to the lab by the client.


Joseph Ridgway, PE
Laboratory Manager