

BOWSER-MORNER, INC.

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REPORT ON TESTS OF SEGMENTAL RETAINING WALL UNITS

Report To: Reading Rock
Attn: David Zawada
4600 Devitt Drive
Cincinnati, OH 45246

Report Date: 03/16/21
Job No.: 199981
Report No.: 201516
Date Submitted: 03/08/21

Specification: ASTM C 1372

Test Method: ASTM C 140

Date (s) of Performance: March 8-16, 2021

Date Made: n/a

Technician (s) Performing Tests: R. Kushmaul

Condition of Sample: Intact

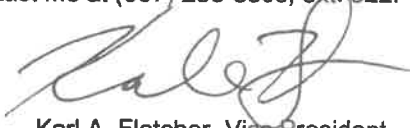
Type of Unit: Normal Weight Segmental Retaining Wall Unit AB Classic

COMPRESSIVE STRENGTH					SPECIFICATIONS	
Specimen No.	4D	4E	4F	Average	Individual	Average
Length in Inches	6.06	6.09	6.07			
Width in Inches	1.68	1.62	1.64	1.65		
Height in Inches	3.62	3.62	3.61			
Gross Area, Sq. In.	10.2	9.9	10.0			
Total Load in lbs.	67,220	59,360	62,715			
Gross Unit Load, psi	6600	6020	6300	6310		
Gross Volume, Cu. Ft.	0.0213	0.0207	0.0208	0.0209		
Net Unit Load, psi	6770	5980	6320	6360	2500 Min.	3000 Min.
ABSORPTION					SPECIFICATIONS	
Specimen No.	4A	4B	4C	Average	Individual	Average
Wt. As Received, lbs.	2.85	2.94	2.96			
Suspended Wt., lbs.	1.63	1.68	1.70			
Wet Wt., lbs.	2.91	2.99	3.00			
Dry Wt., lbs.	2.79	2.87	2.90			
Absorption, lbs./Cu.Ft.	5.9	5.7	4.8	5.5	15 Max.	13 Max.
Absorption, % of Dry Wt.	4.3	4.2	3.4	4.0		
% Moisture, % Absorption	50.0	58.3	60.0			
Net Vol., Cu. Ft.	0.021	0.021	0.021	0.021		
Net Area, Sq. In.	9.8	10.0	10.0	9.9		
Dry Den, lbs./Cu.Ft.	136.0	136.7	139.2	137.3		

Note: Coupons were cut as specified in ASTM C 140, sec. 6.2.6.

Should you have any questions, or if we may be of further service, please contact me at (937) 236-8805, ext. 322.

KAF/bk/lfg
201516
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