

**Client:** Christopher Sem  
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<b><u>Approval Date</u></b>	: April 10, 2018	<b><u>Labeled Age Grade/Size</u></b>	: NA
<b><u>Date of Receipt</u></b>	: March 30, 2018	<b><u>Tested Age Grade</u></b>	: NA
<b><u>Retest</u></b>	: No		
<b><u># of Samples Submitted</u></b>	: 5		
<b><u>Manufacturer's Name</u></b>	: Semco		
<b><u>Item Description</u></b>	: X-Bond Stone, X-Bond Membrane, Natural Shield		
<b><u>Item Number</u></b>	: NA		
<b><u>Country of Origin</u></b>	: NA		
<b><u>Country of Import</u></b>	: NA		
<b><u>PO Number</u></b>	: NA		
<b><u>Delivery Conditions</u></b>	: Satisfactory, Samples tested as received		

The following test item(s) was/were performed on submitted sample(s) and/or component(s) confirmed by applicant

TEST REQUESTED	RESULT
ANSI 118-10 - Waterproofness ASTM D4068-01 (Hydrostatic Pressure 4 weeks) (**)	See Attachment

\*\* Analysis completed by Eurofins Subcontract Laboratory

This report relates to the above mentioned test item(s) and the extent to tests performed. This test report is not permitted to be reproduced except in full, without written permission of the test facility. This test report does not entitle any safety marks on this or similar products. The sample and the information regarding sample have been provided by the client. All information related to the sample are under liability of the client and have not been checked by Eurofins Product Testing US Inc.

# ATTACHMENT

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**TEST REQUESTED BY:** Eurofins Product Testing US

**TEST METHOD:** ANSI A118.10 Specification for Load Bearing, Bonded, Waterproof Membranes for Thin-set Ceramic Tile and Dimension Stone Installation

**TEST SUBJECT MATERIAL:** Identified by client as: “X-Bond Stone, X-Bond Membrane, Natural Shield”

\*Description of sample received: 5"x5" Samples with membrane applied to one side

**TEST DATE:** \*5/2/2018 - 5/30/2018

**TEST PROCEDURE NOTES:**

**ANSI A118.10 Section 4.5 Waterproofness was modified per the client’s request\*:** The membrane was applied to a backer board then submitted for testing. The samples were tested with the membrane in contact with the water for 4 weeks.

**TEST RESULTS:**

Test Designation	Test Description	Evaluation	ANSI Specification
TEST 4.5	Waterproofness	No moisture penetration after 4 weeks	No moisture penetration after 48 hrs

**\*Sample weight**

Sample	Dry Weight (g)	Wet Weight (g)
1	20.21	21.94
2	19.04	19.82
3	20.52	21.73

**\*COMMENTS** Per ANSI A118.10 liquid applied membranes shall be applied to a non-bondable material, cured according to the manufacturer’s instructions, peeled off and cut to obtain a suitable sample. The client provided samples of liquid applied membrane applied to a backer board. The modified test was performed per the client’s request. Measurement of the sample weight is not part of ANSI A118.10 but was reported at the request of the client.