



PERFORMANCE TEST REPORT

Rendered to:

FIBERLOCK TECHNOLOGIES, INC.

PRODUCT: Recon Smoke Odor Sealer - White (#3090)

**TYPES: Water Based Fluid Applied Membrane for
Smoke Odor Sealing and Stain Blocking**

Report No.: E5622.03-106-31

Report Date: 08/20/15

Test Record Retention Date: 05/11/19



PERFORMANCE TEST REPORT

Rendered to:

FIBERLOCK TECHNOLOGIES, INC.
150 Dascomb Road
Andover, Massachusetts 01810

Report No.: E5622.03-106-31
Test Start Date: 03/23/15
Test Completion Date: 05/11/15
Report Date: 08/20/15
Test Record Retention Date: 05/11/19

Product: Recon Smoke Odor Sealer - White (#3090)

Types: Water Based Fluid Applied Membrane for Smoke Odor Sealing and Stain Blocking

Project Summary: Architectural Testing, Inc., an Intertek company ("Intertek-ATI"), was contracted by Fiberlock Technologies, Inc., to evaluate the water vapor permeance of their Recon Smoke Odor Sealer - White (#3090), water based fluid applied membrane for smoke odor sealing and stain blocking. The average results are listed below.

Average Permeance - ASTM E 96, Procedure B (Wet Cup)	
ng/(Pa·s·m²)	perms
490	8.574

Test Method: The test specimens were evaluated in accordance with ASTM E 96/E 96M-14, *Standard Test Methods for Water Vapor Transmission of Materials, Wet Cup Method*.

Product Description: The fluid applied membrane was provided to Intertek-ATI in a one quart can. The fluid was applied to a glass substrate at a thickness of 62 wet mils to achieve an average test film of 18 dry mils. Aluminum shims were used to create the free film at the desired thickness. Each specimen was cut from the sheet and measured for thickness before assembly. The open face is defined as the exterior side of the barrier.

Test Procedure and Test Results: The results are reported in the following table.

ASTM E 96 - Water Vapor Permeance, Water Method

Each test specimen was cut to fit a circular aluminum test dish and secured with a gasket to a de-ionized water-filled test dish for wet cup testing. The resulting open area of each test specimen for testing was 1.8 in². The interior face of the specimens remained in direct contact with the laboratory conditions. The weights of the test specimen assemblies were recorded one, two, or three times a day during normal business hours utilizing a Mettler Toledo AX504 Balance (ICN: 003449). The lab environmental conditions were recorded at the same time. The water vapor permeance was calculated in accordance with the test method. The data sheet calculations are designed to take the actual relative humidity values into account. The permeability was not calculated since the test specimens were less than 0.5" thick.

Recon Smoke Odor Sealer - White (#3090)

Specimen No.	Average Temperature °C (°F)	Average Relative Humidity %	Average Thickness (in)	Permeance	
				ng/(Pa·s·m ²)	perms
1	22.0 (71.6)	45.9	0.017	485	8.492
2	22.0 (71.6)	45.9	0.018	491	8.599
3	22.0 (71.6)	45.9	0.019	493	8.631
Average				490	8.574

Intertek-ATI will service this report for the entire test record retention period. Test records that are retained such as detailed drawings, datasheets, representative samples of test specimens, or other pertinent project documentation will be retained by Intertek-ATI for the entire test record retention period.

Results obtained are tested values and were secured using the designated test methods. This report does not constitute certification of this product nor an opinion or endorsement by this laboratory. It is the exclusive property of the client so named herein and relates only to the specimens tested. This report may not be reproduced, except in full, without the written approval of Intertek-ATI.

For INTERTEK-ATI:

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Revision Log

<u>Rev. #</u>	<u>Date</u>	<u>Page(s)</u>	<u>Revision(s)</u>
0	08/20/15	N/A	Original report issue