



**AATCC Test Method 127
WATER RESISTANCE
PERFORMANCE TEST REPORT**

Rendered to:

BAUTEX SYSTEMS

**PRODUCT: Bautex AMB 20-WP
Liquid Applied Membrane**

Report No: A0760.09-106-31
Report Date: 07/12/13
Record Retention Date: 07/23/14
Revision 1: 07/16/13

AATCC Test Method 127 WATER RESISTANCE PERFORMANCE TEST REPORT

Rendered to:

BAUTEX SYSTEMS
5602 Central Texas Drive
San Marcos, Texas 78666

Report No: A0760.09-106-31
Test Dates: 05/12/10
Through: 07/23/10
Report Date: 07/12/13
Record Retention Date: 07/23/14
Revision 1: 07/16/13

Product: Bautex AMB 20-WP

Project Summary: Architectural Testing, Inc. was contracted by TK Products to evaluate water resistance properties of TK Products' TK AirMax 2104 Liquid Applied Membrane. The test method, test procedure and test results are reported herein. This test report is a reissue of the original report A0760.06-106-31. The test report is issued in the name of Bautex Systems through written authorization of TK Products. The average results from testing are presented in the chart below.

Bautex AMB 20-WP Liquid Applied Membrane at 17 mil Dry Thickness

Parameter	Test Result
Water Resistance at a constant head of 21.6" water pressure	No underside wetness or evidence of water penetration after 5 and 24 hours of continuous contact

Product Description: The liquid applied membrane was provided directly to Architectural Testing in a 5 gallon pail. The pail was labeled with batch number LM12023, and the coating was colored dark grey. The Bautex AMB 20-WP product is a water borne elastomeric barrier membrane coating.

All test specimens were prepared by an Architectural Testing representative at 14mil dry thickness, as specified by the client. The coating was applied to an 8" x 8" sheet of Georgia Pacific DensGlas Gold exterior sheathing at the correct thickness using shims and a drawdown technique. Coating application was done in three layers with 24 hours of cure between coatings. All test specimens prepared were subjected to a final cured at standard laboratory conditions for a period of at least one week before testing.

Test Method: The test specimens were evaluated in accordance with AATCC Test Method 127-2003, *Water Resistance: Hydrostatic Pressure Test*.

Test Procedure

Tests were performed using the hydrostatic head method described by AATCC Test Method 127. Each specimen was exposed to a constant head of 21.6" water pressure by sealing a 22" long section of 6" diameter schedule 80 PVC pipe to one surface of the specimen. The exposed surface area was 25.5 square inches. The specimens were placed on an elevated wire rack so the bottom surfaces could be examined for wetness due to water penetration. Each vertical pipe column was filled with tap water at laboratory temperature to a height of 21-3/4" and allowed to stand for five hours. See photograph in Appendix A for test set up.

Test Results

No underside wetness or evidence of water penetration was observed after the 5 hour period. Furthermore, no underside wetness or evidence of water penetration was observed after a 24 hour period.

Water Resistance

Bautex AMB 20-WP Liquid Applied Membrane at 17 mil Dry Thickness

Test Specimen	5 Hour Result	24 Hour Result	Observations
1	Pass	Pass	No underside wetness or evidence of water penetration
2	Pass	Pass	
3	Pass	Pass	
4	Pass	Pass	
5	Pass	Pass	

This report is reissued in the name of Bautex Systems through written authorization of TK Products to whom the original report was rendered. The original TK Products Report No. is A0760.06-106-31.

Data sheets, representative samples of test specimens, a copy of this report, or other pertinent project documentation will be retained by Architectural Testing, Inc. for a period of four years from the original test date. At the end of this retention period such materials shall be discarded without notice and the service life of this report by Architectural Testing, Inc. will expire. Results obtained are tested values and were secured by using the designed 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 Architectural Testing, Inc.

For ARCHITECTURAL TESTING, INC.:

Joseph M. Brickner - Laboratory Supervisor
Components / Materials Testing

Gary Hartman, P.E. - Director
Components / Materials Testing

JMB:nlb

Attachments (pages) This report is complete only when all attachments listed are included.
Appendix A - Photographs (2)

Revision Log

<u>Rev. #</u>	<u>Date</u>	<u>Page(s)</u>	<u>Revision(s)</u>
0	07/12/13	N/A	Original report issue.
1	07/16/13	1	Corrected address for Bautex Systems

APPENDIX A

Photographs



Photo No. 1
Water Resistance Test Set Up



Photo No. 2
Water Resistance Fill Detail