Intertek | Architectural Testing

PERFORMANCE TEST REPORT

Rendered to:

EVERBLOCK SYSTEMS, LLC

PRODUCT: Modular Block Product

Report No.: G1320.01-106-31
Report Date: 08/04/16
Test Record Retention Date: 07/29/20

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PERFORMANCE TEST REPORT

Rendered to:

EVERBLOCK SYSTEMS, LLC
55 East 59th Street
Suite 1700
New York, New York 10022

Report No.:	G1320.01-106-31
Test Start Date:	07/27/16
Test Completion Date:	07/29/16
Report Date:	08/04/16
Test Record Retention Date:	08/04/20

Product: Modular Block Product

Project Summary: Architectural Testing, Inc., an Intertek company ("Intertek-ATI"), was contracted by EverBlock Systems, LLC to evaluate the flammability properties of their modular block product. The product description, test procedure, and test results are reported herein.

Summary of Test Results

UL94 - Horizontal Burn Test	Meets HB rating

Test Method: The test specimens were evaluated in accordance with the following method.

UL94, *Standard for Flammability of Plastic Materials for Parts in Devices and Appliances*, Section 7 Horizontal Burning Test, Sixth Edition, March 28, 2013

Product Description: The modular block product was submitted to Intertek-ATI by EverBlock Systems, LLC on July 26, 2016 and consisted of eight nominally 6" x 7" x 3" full profile specimens. The material was tested as-received with the exception of machining the smaller test specimens from the pieces. Refer to the product description photos in Appendix A.

Test Procedure and Test Results: The testing procedure and results obtained from testing are reported as follows. All conditioning of test specimens and test conditions were at standard laboratory conditions (23 ±2°C, 50 ±5% RH) unless otherwise reported. Refer to the test related photos in Appendix A.

UL 94 - Horizontal Burning Test

The Horizontal Burning classification was determined utilizing a laboratory burner (ICN: Y002875) that was confirmed in accordance with ASTM D5207. The specimen was supported horizontally at one end and the free end exposed to a gas flame for 30 seconds. After removal of the flame, the specimen was observed for time and extent of burning. The test was conducted on specimens conditioned for a minimum of 48 hours at standard laboratory conditions.

Specimen No.	Initial Burn With Flame	Burn After Flame Removed	Burn Beyond 25 mm Mark		
			Time, t (sec)	Damaged Length, L (mm)	Linear Burning Rate, V (mm/min)
1	Yes	Yes	161	75	28.0
2	Yes	Yes	177	75	25.4
3	Yes	Yes	158	75	28.5
				Average	**27.3**
			Classification: **HB**		

Average Size of Specimens (L x W x T): 5" (127 mm) x 0.5" (13 mm) x 0.125" (3 mm)

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 specimen(s) tested. This report may not be reproduced, except in full, without the written approval of Intertek-ATI.

For INTERTEK-ATI:

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J. Rich Hammons
Technician II
Components / Materials Testing

Digitally Signed by: Dawn M. Chaney

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

Revision Log

Rev. #	Date	Page(s)	Revision(s)
0	08/04/16	N/A	Original report issue

APPENDIX A

Photographs

Photo No. 1
Test Specimens As-Received

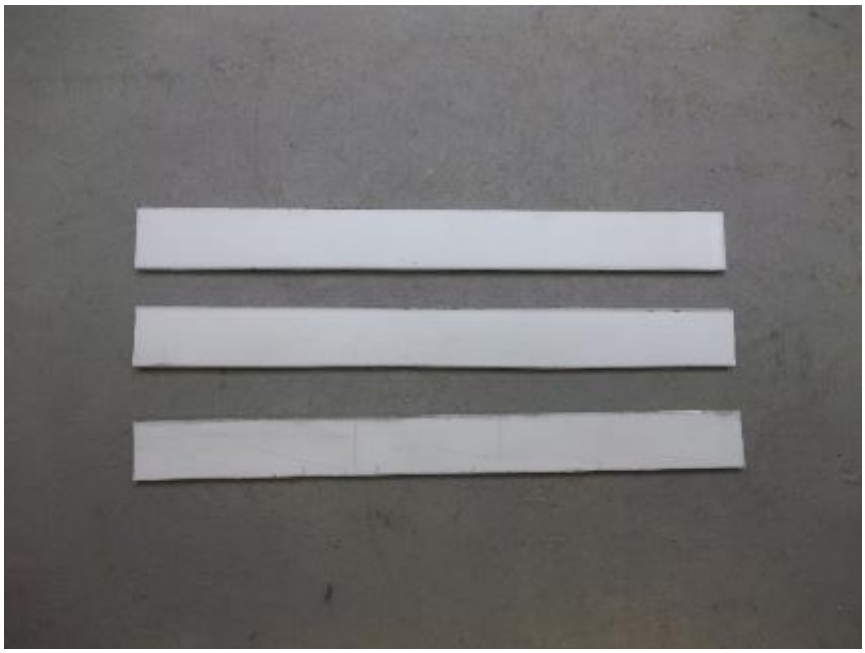

Photo No. 2
Prepped Test Specimens

Photo No. 3
Test Setup (Typical)

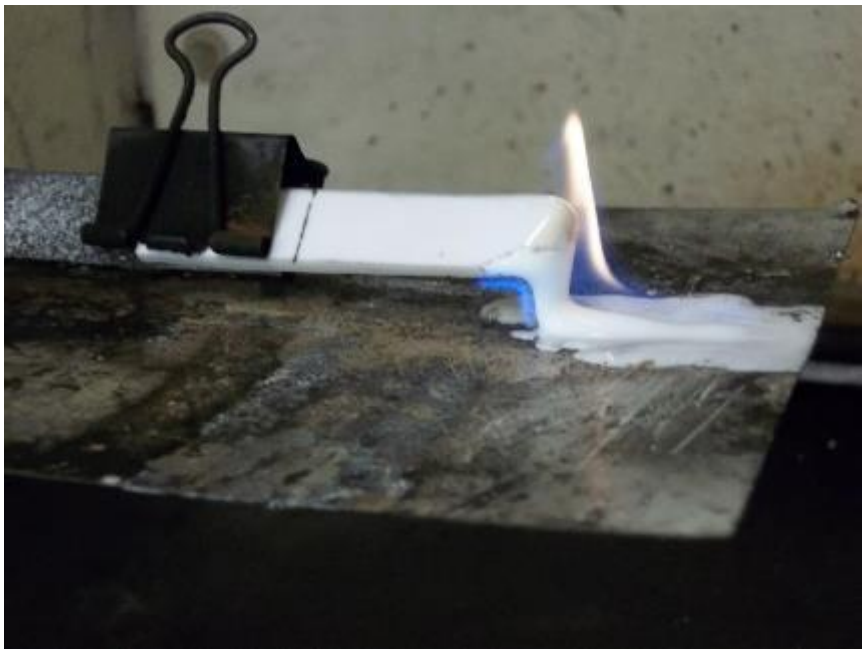

Photo No. 4
Testing in Progress