



Ballistic Resistance & Forced Entry – Test Report

	Riot Glass, Inc.
	Attention: Brad Campbell
Client:	17941 Brookshire Lane Huntington Beach, CA 92647 United States
Report date:	23 August 2019
Job number:	000009447C
Test procedure and supporting documentation:	Per Customer Instructions ASTM F1233-08
Sample receipt, identification information, and disposition:	The sample(s) were received on 15 August 2019 . Sample item identification and description details are provided on the attached data record(s). The test sample(s) were inspected prior to testing and no anomalies were discovered. Sample(s) will be returned or discarded per customer instructions. H.P. White will only hold sample(s) as required by specific test protocols.
Test date(s) and location:	Testing commenced on 21 August 2019 , at the H.P. White Laboratory, Inc. facilities located at 3114 Scarboro Road, Street, Maryland. Testing concluded on 22 August 2019 .
Report prepared by:	Colleen McElroy, Customer Operations Associate
Report reviewed by:	Chris D'Amario, Engineer
Revision number and date:	NA
Supplement to report:	NA
Test data transmittal method and storage location:	This test report and test data were transmitted via email in a manner compliant with ISO 17025 requirements. Permanent electronic and hardcopy files are maintained in accordance with HPWLI data storage policy on data storage systems, filed by job number.
Disclaimer:	Testing was performed on sample(s) provided by the client. H.P. White Laboratory, Inc. holds no responsibility for sample selection methods. This report is based on data obtained from testing only the sample(s) submitted and should NOT be interpreted as an endorsement by H.P. White Laboratory, Inc. of the continuing quality or performance of any other items of the same, or similar, design. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. This testing was performed by H.P. White Laboratory, Inc. to client specification, and the test results are the property of the client, who holds all rights of reproduction or publication of this report and related test data.
Destination control statement:	This document may contain items controlled by the U.S. government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. government or as otherwise authorized by U.S. law and regulations.

Test Procedures

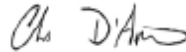
Forced Entry Testing: All testing was conducted in accordance with your instructions and the provisions of ASTM F1233-08. This was a timed and sequential test. The data record attached, shows detailed information about the forced entry test. The test was stopped as a result of the technician gaining access to the enclosure during sequence 15.

Report prepared by:



Colleen McElroy
Customer Operations Associate

Report reviewed by:



Chris D'Amario
Engineer



ASTM F1233-08

Forced Entry Sequence of Testing

Client: RIOT GLASS

Job No.: 9447

Test Date: 8/22/19

Make: ARMOR PLAST

Model: NA

Size: 30" X 30"

Thicknesses: 0.227",0.227",0.229",0.229"

Sample No.: 1

Weight: 8.8 lbs

Test Sequence	Threat Description	Procedure	Results	Contra Entry	Body Entry
1	Ball Peen Hammer	10 Impacts	No entry	No	No
2	Ball Peen Hammer	10 Impacts	No entry	No	No
3	1.5" Diameter Pipe/Sledge	25 Impacts	No entry	No	No
4	Extinguisher,CO2	1 Minute	No entry	No	No
5	Sledge Hammer	25 Impacts	No entry	No	No
6	Propane Torch Flame	5 Minutes	No entry	No	No
7	Ripping Bar	10 Impacts	4 Holes, No entry	Yes	No
8	120lb Ram	10 Impacts	No entry	No	No
9	4" Diameter Pipe/Sledge	25 Impacts	No entry	No	No
10	Sledge Hammer	25 Impacts	No entry	No	No
11	Propane Torch Flame	5 Minutes	No entry	No	No
12	Ripping Bar	10 Impacts	4"x 4" Hole,No entry	Yes	No
13	Chisel/Hammer	25 Impacts	No entry	Yes	No
14	Gasoline	8 ounces	No entry	No	No
15	Angle Iron/Sledge	After 5 Impacts	Gained entry	Yes	Yes

Remarks: