



Ballistic Resistance – Test Report

Client: **Kratos Glass LLC.**
Attention: Fadi Michael
Dubai Investment Park 2
Dubai
United Arab Emirates

Report date: **10 February 2017**

Job number: 000006895

Test procedure and supporting documentation: Per Customer Instructions

Sample receipt, identification information, and disposition: The sample(s) were received on **8 February 2017**. 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, discarded, or held, per customer instructions.

Test date(s) and location: Testing commenced on **9 February 2017**, at the H.P. White Laboratory, Inc. facilities located at 3114 Scarboro Road, Street, Maryland. Testing concluded on **9 February 2017**.

Report prepared by: Ashley Gowland, Customer Operations Coordinator

Report reviewed by: Wesley Mason, Manager of Technical Operations - Hard Armor

Revision number and date: 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: These items are 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.



H.P. White Laboratory, Inc.

BALLISTIC RESISTANCE TEST

Client : 6075: Kratos Glass,LLC

Job No. : 000006895 Test Date : 2/9/17

TEST PANEL

Manufacturer : Kratos Glass,LLC
 Size : 19.750 X 19.750 in.
 Thicknesses : 1.575, 1.576, 1.580, 1.586 in.
 Avg. Thick. : 1.579 in.
 Description : 40mm Laminated Transparency

Sample No. : KG161290259
 Weight : 49.6 lbs.
 Hardness :
 Plies/Laminates :

Date Rec'd. : 2/8/17
 Via :
 Returned :

SET-UP

Shot Spacing : 3 SHOTS ON 120mm TRIANGLE
 Witness Panel : 0.020", 2024-T3 ALUMINUM
 Obliquity : 0 deg.
 Backing Material : NA
 Conditioning : AMBIENT

Primary Vel. Screens : 10.0 ft., 20.0 ft.
 Primary Vel. Location : 15.0 ft. From Muzzle
 Residual Vel. Screens : NA
 Residual Vel. Location : NA
 Range to Target : 25.0 ft.
 Target to Wit. : 6.0 in.

Range No. : 3
 Temp. : 67 F
 BP : 29.60 in. Hg
 RH : 34%
 Barrel No./Gun : R3/308
 Gunner : CHES, BONSALL
 Recorder : BONSALL

AMMUNITION

- (1) : 7.62mm Ball, M80, 149 gr.
- (2) :
- (3) :
- (4) :

Lot No. : UNKNOWN
 Lot No. :
 Lot No. :
 Lot No. :

APPLICABLE STANDARDS OR PROCEDURES

- (1) : STANAG 4569 (ABBREVIATED)
- (2) : LEVEL: I
- (3) : REQUIRED VELOCITY: 2666-2798 fps

Shot No.	Ammo.	Time 1 (usec)	Velocity 1 (ft/s)	Time 2 (usec)	Velocity 2 (ft/s)	Avg. Vel. (ft/s)	Vel. Loss (ft/s)	Strike Vel. (ft/s)	Penetration	Footnotes
1	1	3644	2744	3648	2741	2743	6	2737	None	
2	1	3662	2731	3665	2729	2730	6	2724	None	
3	1	3671	2724	3675	2721	2723	6	2717	None	

REMARKS :

FOOTNOTES :