H.P. White Laboratory, Inc.

3114 Scarboro Road | Street, MD 21154 | +1.410.838.6550 | www.hpwhite.com

Forced Entry Resistance Testing – Test Report

Client:	Impact Security Attention: M. R. Weber CLO 4626 Ayron Terrace Palm Harbor, Florida 34685
Date of report:	10 February 2015
Report prepared by:	Ashley Gowland, Customer Operations Coordinator
Report reviewed by:	Wesley Mason, Manager of Technical Operations - Hard Armor
Test method and supporting documentation:	Per Customer Instructions
Job number:	000003925
Test item receipt date, shipping method, identification information, and inspection results:	The sample(s) were received on 5 February 2015 via UPS Ground. Test items were identified as proprietary. The sample(s) were inspected prior to testing and no anomalies were discovered.
Date of testing, test range, and testing performed:	Testing commenced at the H.P. White Laboratory, Inc. facilities at 3114 Scarboro Road, Street MD on 6 February 2015.
Date testing completed, sample disposal, return shipping method:	Testing concluded on 6 February 2015 ; sample(s) will be returned per customer instructions.
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.
Revision number and date:	Revision 1, 10 February 2015

Testing was performed on samples 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 samples 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.

Impact Security HPWLI 000003925 10 February 2015 Attention: M. R. Weber CLO

Test Procedures

Forced Entry Resistance Testing: All testing was conducted on an indoor range at ambient conditions in accordance with your instructions. Testing began with Sequence 01 and was tested through Sequence 06. Table I provides a summary of information on the attached data record(s). Please find video coverage of the testing enclosed herein.

Report prepared by:

Ashley Gowland Customer Operations Coordinator

Report reviewed by:

Wesley Mason Manager of Technical Operations - Hard Armor

Table I: Forced Entry Resistance, Summary of Results

Sequence	Description	Procedure	Results	
01	2" Pipe Attack	1 minute	Marring of polycarbonate	
02	Kicking Attack	1 minute	N/A	
03	Framing Hammer Attack	1 minute	N/A	
04	Blunt Attack with Fire Extinguisher	1 minute	N/A	
05 Ballistic	10 shots of 9mm 124 grain FMJ within a 5" circle	N/A	(a)	
06	2x4 Attack	1 minute	N/A	
(a) See data record for specific information				



Date: 02/06/2014 HPWLI Job: 000003925

DATA RECORD

-Forced Entry Testing of Transparent Materials-(Per Customer Request)

Make, Model or Sample Number:
Sample Description:Polycarbonate outer layer, Annealed glass inner layer enclosed in an aluminum frame.Weight: 42.60 lbs

Submitted By:

Sample Size: 35.25" x 27.25" Gary Trott Impact Security

Test Sequence	Description	Procedure	Results
01	2" Pipe Attack	1 Minute	1. Marring of polycarbonate
02	Kicking Attack	1 Miniute	1. None
03	Framing Hammer Attack	1 Minute	1. None
04	Blunt attack with Fire Extinguisher	1 Minute	1. None
05 Ballistic	10 Shots of 9mm 124grain FMJ, all within a 5" circle.	N/A	1. Penetrated the polycarbonate layer and shattered the glass behind.
06	2x4 Attack	1 Miniute	1. None