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

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			

H.P. White Laboratory Inc.

Date: 02/06/2014
HPWLI Job: 000003925

DATA RECORD

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

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

Sample Size: 35.25” x 27.25”
Submitted By: 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