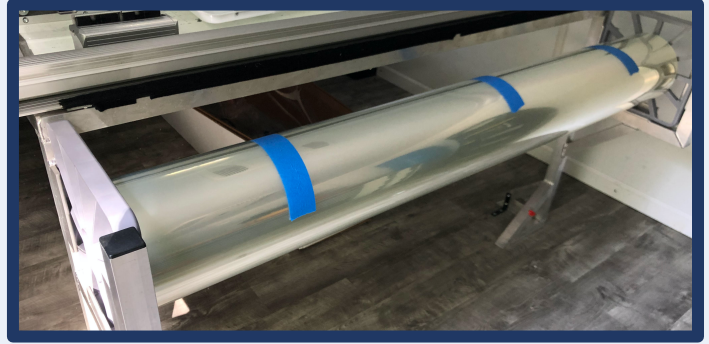




PRODUCT DESCRIPTION

Safe Haven Defense SW440RC- Riot Control laminate film offers protection for glass breakage due to forced entry such as burglaries, hurricanes, and blast. **SW440RC incorporates an extraordinary capability in protection by hindering entry into your property. Keeping valuables and loved ones safe.**



TECHNICAL DATA

PROTECTION LEVEL	Exigent Protection
THICKNESS (1 layer)	30 mil
NUMBER PLYS	2
BREAK STRENGTH	900 psi
TENSILE STRENGTH	32,500psi
PEEL STRENGTH	6psi
TOTAL SOLAR ENERGY REJECTION	20%
IR REJECTION	59%
UV REJECTION	99%

CERTIFICATIONS & STANDARDS

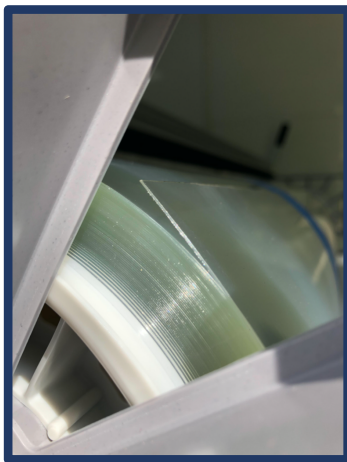
ANSI Z97.1 – Bldg Glaze Materials

CPSC 16 CFR 1201 – Impact Test

GSA EXPLOSIVE TEST: GSA TS01-2003

UL972 – Burglary Protection

FLAME SPREAD – ASTM E-84



USES/APPLICATION

Safe Haven Defense SW440RC laminate is applied onsite, to the **INTERIOR** of existing windows in commercial, municipal and residential buildings. Unlike traditional Riot Control glass, no special modifications or retrofitting to existing structure needs to be done. Because our laminate can be applied over **existing glass as thin as ¼ inch**, customers achieve the end goal of hardening their structure at a significant cost savings to traditional RC glass.

*existing window must be inspected to be structurally sound. Window must be free from debris and thoroughly cleaned prior to application.

Visit WWW.SAFEHAVENDEFENSE.COM to watch demos of 1 Directional Bullet Resistance

PRODUCT DESCRIPTION

Safe Haven Defense SW440BR laminate offers protection for small arms bullet resistance as well as glass breakage due to burglaries, hurricanes, and blast. **SW440BR incorporates an extraordinary capability in protection by allowing individuals INSIDE the structure to fire OUT, while maintaining directional bullet and blunt force resistance from external threats.**



TECHNICAL DATA

PROTECTION LEVEL	Exigent Protection
THICKNESS (1 layer)	Varies
NUMBER PLIES	Varies
BREAK STRENGTH	Starting at 1200 psi
TENSILE STRENGTH	32,000psi
PEEL STRENGTH	6psi
TOTAL SOLAR ENERGY REJECTION	20%
IR REJECTION	59%
UV REJECTION	99%

CERTIFICATIONS & STANDARDS

ANSI Z97.1 – Bldg. Glaze Materials	NIJ 0108.01 – Bullet Resistance (3 rd Party Lab)
CPSC 16 CFR 1201 – Impact Test	
ASTM E-1886 – Hurricane Wind	UL752 – Bullet Resistance (3 rd Party Lab)
GSA EXPLOSIVE TEST: GSA TS01-2003	
BMAG Level 1- Blast Mitigation	
UL972 / ULC – 332 – Burglary Protection	



USES/APPLICATION

Safe Haven Defense SW440BR laminate is applied onsite, to the **INTERIOR** of existing windows in commercial, municipal and residential buildings. Unlike traditional BR Glass, no special modifications or retrofitting to existing structure needs to be done. Because our laminate can be applied over **existing glass as thin as ¼ inch, Dual Pane ¼ inch and ½ Inch**, customers achieve the end goal of hardening their structure at a significant cost savings to traditional BR Glass

*existing window must be inspected to be structurally sound. Window must be free from debris and thoroughly cleaned prior to application.

Visit WWW.SAFEHAVENDEFENSE.COM to watch demos of 1 Directional Bullet Resistance



SAFE HAVEN DEFENSE

NIJ and UL 3rd Party Testings



Ballistic Testing Services

Report Number: BTR-03-01-2019-Sample 2

Phone: 800-513-4291 Email: techsupport@CloseFocusResearch.com

CloseFocusResearch.com

Name: Safe Haven Defense Inc.
 Address: 3120 W Carefree Hwy, Suite 1-543, Phoenix, AZ 85086
 Phone: Phone: 480-689-7871

Report Date: March 1, 2019
 Contact: Steven Johnson
 Email: steve@myshsinc.com

Ballistic Results

Project Summary

Type of Products to be tested: Single Pane Security Glazings
 Test Specimen Sample size(s): 12 x 12 and 18 x 18 inch
 Number of test specimens: 3 Samples
 Weight of all samples: 16.6 lbs
 Are Materials a Health Hazard: No
 Need the Tests performed by: March 1, 2019
 Need products shipped back: Customer Pickup
 Purchase Order Number: Not Applicable

International Ballistic Standards / Specifications Testing

ASTM Canadian FRA NIJ CFR Pass All
 Australian EN1063 Germ DIN State Dept CFR SYA
 British EN1522/23 MIL-SAMIT UL 752 Other
 Test Standard: National Institute of Justice 0108.01
 Particular Test: NIJ I Part 1 (.22 LR HV Lead)
 Velocity Range: 1,010 to 1,090 ft/s
 Shots: 5 shots
 Shot Pattern: > 2 inch

Test Results

Test Sample: Sample 2
 Item / Part Number: 2 / SW440BR
 Sample ID: SW440BR-15
 Sample Type: Single Pane Security Glazing System
 Sample Size: 18.0 x 18.0 inch (457 x 457 mm)
 Thickness: 0.3 inch (6.4 mm)
 Weight: 5.4 lbs (2.4 kg)
 Weapon Type: .22 Caliber Rifle
 Cartridge / Projectile Type: .22 Caliber RNL
 Projectile Weight: 40 grains
 Target Distance: 16.4 feet
 Number of Shots: 5 shots

Shot Sequence:	Shot 1	Shot 2	Shot 3	Shot 4	Shot 5
Impact Velocity (ft/sec) *:	1,165	1,135	1,167	1,161	1,155
Impact Energy (ft-lbs):	121	114	121	120	118
Impact Momentum (lb-sec.):	0.21	0.20	0.21	0.21	0.21
Impact Angle (degrees):	0°	0°	0°	0°	0°
Sample Penetration:	NP	NP	NP	NP	NP
Witness Plate Penetration:	NP	NP	NP	NP	NP

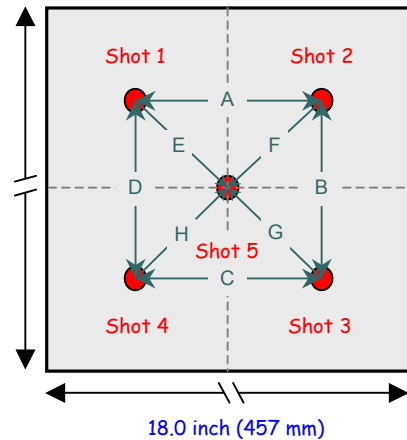
Witness Plate & Spall Result:

Witness plate material: 0.020 in. type 2024-T4 Aluminum foil alloy
 Spall catch box: Not required
 Witness / Box Distance: 6.0 inches
 Spall Occurrence: No spall occurred
 Test Temperature: 68 ° F
 Test Date: March 01, 2019
 Pass / Fail Results: Passed the Test
 Comments: All velocities exceeded the maximum standard's velocity of 1,090 ft/s

Footnotes

* Velocity measurements were taken at a distance of 6.6 feet from muzzle.

18.0 inch
(457 mm)



Impact Spacing (inches)		
A	5.50	Average 5.75
B	6.00	
C	5.75	
D	5.75	Average 4.03
E	3.80	
F	4.20	
G	4.20	
H	3.90	

NP = No Penetration
 PP = Partial Penetration
 CP = Complete Penetration
 N/A = Not Applicable

Test and Report Engineers

Tested and Reported by: Sam Raheb

Signature:

Date: March 1, 2019

Name: Safe Haven Defense Inc.

Report Date: March 1, 2019

Ballistic Test Results and Photographs

Ballistic Test Results:

Test Sample 2 passed the National Institute of Justice 0108.01 NIJ I Part 1 (.22 LR HV Lead) Ballistic test. There was no complete penetration of the test sample from any of the .22 Caliber RNL caliber projectiles.

Witness Plate and Spall Effects:

No spall occurred or damage to the 0.020 in. type 2024-T4 Aluminum foil alloy witness plate was observed.

Test and Report Engineers

Tested and Reported by: Sam Raheb

Signature:



Date: March 1, 2019

Ballistic Testing Services

Report Number: BTR-03-01-2019-Sample 3

Phone: 800-513-4291 Email: techsupport@CloseFocusResearch.com

CloseFocusResearch.com

Name: **Safe Haven Defense Inc.**
 Address: **3120 W Carefree Hwy, Suite 1-543, Phoenix, AZ 85086**
 Phone: **Phone: 480-689-7871**

Report Date: **March 1, 2019**
 Contact: **Steven Johnson**
 Email: steve@myshsinc.com

Ballistic Results

Project Summary

Type of Products to be tested: **Single Pane Security Glazings**
 Test Specimen Sample size(s): **12 x 12 and 18 x 18 inch**
 Number of test specimens: **3 Samples**
 Weight of all samples: **16.6 lbs**
 Are Materials a Health Hazard: **No**
 Need the Tests performed by: **March 1, 2019**
 Need products shipped back: **Customer Pickup**
 Purchase Order Number: **Not Applicable**

International Ballistic Standards / Specifications Testing

ASTM Canadian FRA NIJ CFR Pass All
 Australian EN1063 Germ DIN State Dept CFR SYA
 British EN1522/23 MIL-SAMIT UL 752 Other
 Test Standard: **National Institute of Justice 0108.01**
 Particular Test: **NIJ I Part 2 (.38 Special RNL)**
 Velocity Range: **800 to 900 ft/s**
 Shots: **5 shots**
 Shot Pattern: **> 2 inch**

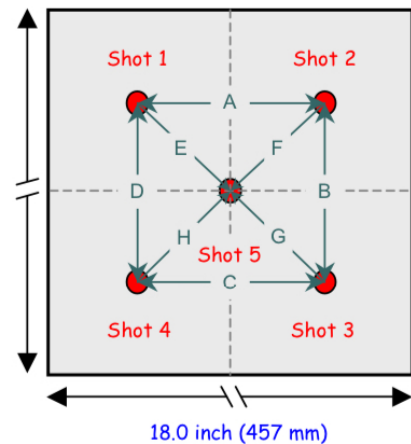
Test Results

Test Sample: **Sample 3**
 Item / Part Number: **3 / SW440BR**
 Sample ID: **SW440BR-16**
 Sample Type: **Single Pane Security Glazing System**
 Sample Size: **18.0 x 18.0 inch (457 x 457 mm)**
 Thickness: **0.3 inch (6.4 mm)**
 Weight: **5.4 lbs (2.4 kg)**
 Weapon Type: **.38 Special**
 Cartridge / Projectile Type: **.38 Special RNL**
 Projectile Weight: **158 grains**
 Target Distance: **16.4 feet**
 Number of Shots: **5 shots**

Shot Sequence:	Shot 1	Shot 2	Shot 3	Shot 4	Shot 5
Impact Velocity (ft/sec)*:	803	810	805	808	806
Impact Energy (ft-lbs):	226	230	227	229	228
Impact Momentum (lb-sec.):	0.56	0.57	0.56	0.57	0.57
Impact Angle (degrees):	0°	0°	0°	0°	0°
Sample Penetration:	NP	NP	NP	NP	NP
Witness Plate Penetration:	NP	NP	NP	NP	NP

Witness Plate & Spall Result:

Witness plate material: **0.020 in. type 2024-T4 Aluminum foil alloy**
 Spall catch box: **Not required**
 Witness / Box Distance: **6.0 inches**
 Spall Occurrence: **Spall occurred**
 Test Temperature: **68° F**
 Test Date: **March 01, 2019**
 Pass / Fail Results: **Passed the Test**
 Comments:



Impact Spacing (inches)		
A	5.10	Average 5.70
B	5.80	
C	5.40	
D	6.50	
E	3.80	Average 4.05
F	3.20	
G	4.40	
H	4.80	

NP = No Penetration
 PP = Partial Penetration
 CP = Complete Penetration
 N/A = Not Applicable

Footnotes

* Velocity measurements were taken at a distance of 6.6 feet from muzzle.

Test and Report Engineers

Tested and Reported by: **Sam Raheb**

Signature: *Sam Raheb*

Date: **March 1, 2019**

Name: Safe Haven Defense Inc.

Report Date: March 1, 2019

Ballistic Test Results and Photographs

Ballistic Test Results:

Test Sample 3 passed the National Institute of Justice 0108.01 NIJ I Part 2 (.38 Special RNL) Ballistic test. There was no complete penetration of the test sample from any of the .38 Special RNL caliber projectiles.

Witness Plate and Spall Effects:

Spall occurred but no damage to the 0.020 in. type 2024-T4 Aluminum foil alloy witness plate was observed.

Test and Report Engineers

Tested and Reported by: Sam Raheb

Signature: 

Date: March 1, 2019

Ballistic Testing Services

Report Number: BTR-07-23-2018-Sample 1

Phone: 800-513-4291 Email: techsupport@CloseFocusResearch.com

CloseFocusResearch.com

Name: Safe Haven Defense Inc.
 Address: 3120 W Carefree Hwy, Suite 1-543, Phoenix, AZ 85086
 Phone: Phone: 480-689-7871

Report Date: July 23, 2018
 Contact: Steven Johnson
 Email: steve@myshsinc.com

Ballistic Results

Project Summary
 Type of Products to be tested: Dual Pane Security Glazings
 Test Specimen Sample size(s): 18 x 18 inch
 Number of test specimens: 2 Samples
 Weight of all samples: 30 lbs
 Are Materials a Health Hazard: No
 Need the Tests performed by: within 7 to 10 days
 Need products shipped back: No
 Purchase Order Number: Not Applicable

International Ballistic Standards / Specifications Testing
 ASTM Canadian FRA NIJ CFR Pass All
 Australian EN1063 Germ DIN State Dept CFR SYA
 British EN1522/23 MIL-SAMIT UL 752 Other
 Test Standard: National Institute of Justice 0108.01
 Particular Test: NIJ II Part 1 (9 mm Parabellum FMJ)
 Velocity Range: 1,135 to 1,215 ft/s
 Shots: 5 shots
 Shot Pattern: > 2 inch

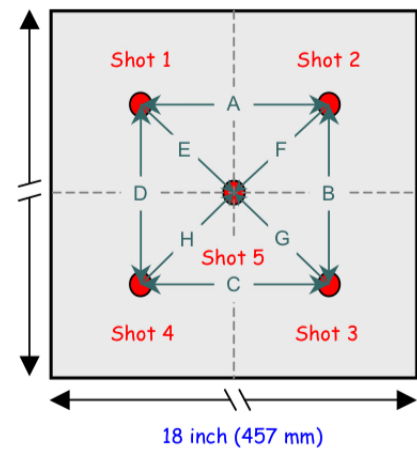
Test Results

Test Sample: Sample 1
 Sample ID / Part Number: BRDP-004 / SW440BR
 Date of Manufacture: July 20, 2018
 Sample Type: Dual Pane 1 inch Air Gap Security Glazing System
 Sample Size: 18 x 18 inch (457 x 457 mm)
 Thickness: 4 inch (89 mm)
 Weight: 15 lbs (6.8 kg)
 Weapon Type: 9 mm Parabellum
 Cartridge / Projectile Type: 9 mm Parabellum FMJ
 Projectile Weight: 124 grains
 Target Distance: 16.4 feet
 Number of Shots: 5 shots

Shot Sequence:	Shot 1	Shot 2	Shot 3	Shot 4	Shot 5
Impact Velocity (ft/sec) *:	1,137	1,148	1,142	1,139	1,146
Impact Energy (ft-lbs):	356	363	359	357	362
Impact Momentum (lb-sec.):	0.63	0.63	0.63	0.63	0.63
Impact Angle (degrees):	0°	0°	0°	0°	0°
Sample Penetration:	NP	NP	NP	NP	NP
Witness Plate Penetration:	NP	NP	NP	NP	NP

Witness Plate & Spall Result:

Witness plate material: 0.020 in. type 2024-T4 Aluminum foil alloy
 Spall catch box: Not required
 Witness / Box Distance: 6.0 inches
 Spall Occurrence: Spall occurred
 Test Temperature: 103 ° F
 Test Date: July 23, 2018
 Pass / Fail Results: Passed the Test
 Comments: See Page 2 for National Institute of Justice 0108.01 Pass / Fail Criteria



Impact Spacing (inches)		
A	6.00	Average 6.01
B	5.25	
C	6.50	
D	6.30	
E	4.30	Average 4.29
F	3.75	
G	4.10	
H	5.00	

NP = No Penetration
 PP = Partial Penetration
 CP = Complete Penetration
 N/A = Not Applicable

Footnotes

* Velocity measurements were taken at a distance of 6.6 feet from muzzle.

Test and Report Engineers

Tested and Reported by: Sam Raheb

Signature: *Sam Raheb*

Date: July 23, 2018

Name: Safe Haven Defense Inc.

Report Date: July 23, 2018

Ballistic Test Results and Photographs

Ballistic Test Results

Test Sample 1 passed the National Institute of Justice 0108.01 NIJ II Part 1 (9 mm Parabellum FMJ) Ballistic test. There was no complete penetration of the test sample from any of the 9 mm Parabellum FMJ caliber projectiles.

Witness Plate and Spall Effects

Spall occurred but no perforation damage to the 0.020 in. type 2024-T4 Aluminum foil alloy witness plate was observed.

Photographs

The following photographs show both the pre and post-test sample. Additional larger sized photographs are included with this report.

Sample 1: BRDP-004 - SW440BR - July 20, 2018 - NIJ II Part 1 - 18.00 x 18.00 x 3.50 in.



Pre Test Impact Side



Pre Test Rear Side



Post Test Impact Side Dual Pane Glazing 1 Outside



Post Test Rear Side Dual Pane Glazing 1 Outside



Post Test Impact Side Dual Pane Glazing 2 Inside



Post Test Rear Side Dual Pane Glazing 2 Inside

Test and Report Engineers

Tested and Reported by: Sam Raheb

Signature: *Sam Raheb*

Date: July 23, 2018

Ballistic Testing Services

Report Number: BTR-07-23-2018-Sample 2

Phone: 800-513-4291 Email: techsupport@CloseFocusResearch.com

CloseFocusResearch.com

Name: Safe Haven Defense Inc.
 Address: 3120 W Carefree Hwy, Suite 1-543, Phoenix, AZ 85086
 Phone: Phone: 480-689-7871

Report Date: July 23, 2018
 Contact: Steven Johnson
 Email: steve@myshsinc.com

Ballistic Results

Project Summary

Type of Products to be tested: Dual Pane Security Glazings
 Test Specimen Sample size(s): 18 x 18 inch
 Number of test specimens: 2 Samples
 Weight of all samples: 30 lbs
 Are Materials a Health Hazard: No
 Need the Tests performed by: within 7 to 10 days
 Need products shipped back: No
 Purchase Order Number: Not Applicable

International Ballistic Standards / Specifications Testing

- ASTM Canadian FRA NIJ CFR Pass All
 Australian EN1063 Germ DIN State Dept CFR SYA
 British EN1522/23 MIL-SAMIT UL 752 Other

Test Standard: National Institute of Justice 0108.01

Particular Test: NIJ II Part 2 (.357 Magnum JSP)

Velocity Range: 1,345 to 1,445 ft/s

Shots: 5 shots

Shot Pattern: > 2 inch

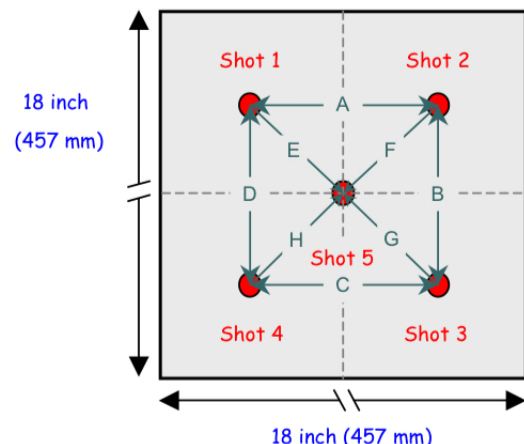
Test Results

Test Sample: Sample 2
 Sample ID / Part Number: BRDP-003 / SW440BR
 Date of Manufacture: July 20, 2018
 Sample Type: Dual Pane 1 inch Air Gap Security Glazing System
 Sample Size: 18 x 18 inch (457 x 457 mm)
 Thickness: 4 inch (89 mm)
 Weight: 15 lbs (6.8 kg)
 Weapon Type: .357 Magnum
 Cartridge / Projectile Type: .357 Magnum JSP
 Projectile Weight: 158 grains
 Target Distance: 16.4 feet
 Number of Shots: 5 shots

Shot Sequence:	Shot 1	Shot 2	Shot 3	Shot 4	Shot 5
Impact Velocity (ft/sec) *:	1,351	1,349	1,356	1,350	1,358
Impact Energy (ft-lbs):	640	638	645	639	647
Impact Momentum (lb-sec.):	0.95	0.95	0.95	0.95	0.95
Impact Angle (degrees):	0°	0°	0°	0°	0°
Sample Penetration:	NP	CP	CP	NP	CP
Witness Plate Penetration:	NP	NP	NP	NP	NP

Witness Plate & Spall Result:

Witness plate material: 0.020 in. type 2024-T4 Aluminum foil alloy
 Spall catch box: Not required
 Witness / Box Distance: 6.0 inches
 Spall Occurrence: Spall occurred
 Test Temperature: 103 ° F
 Test Date: July 23, 2018
 Pass / Fail Results: Passed the Test
 Comments: See Page 2 for National Institute of Justice 0108.01 Pass / Fail Criteria



Impact Spacing (inches)	
A	6.40
B	5.10
C	5.65
D	6.75
E	3.75
F	3.75
G	4.00
H	5.30
Average	
5.98	
Average	
4.20	

NP = No Penetration
 PP = Partial Penetration
 CP = Complete Penetration
 N/A = Not Applicable

Footnotes

* Velocity measurements were taken at a distance of 6.6 feet from muzzle.

Test and Report Engineers

Tested and Reported by: Sam Raheb

Signature: *Sam Raheb*

Date: July 23, 2018

Name: **Safe Haven Defense Inc.**

Report Date: **July 23, 2018**

Ballistic Test Results and Photographs

National Institute of Justice 0108.01 Pass / Fail Criteria

According to the NIJ 0108.01 Ballistic Standard, a test sample is considered a Pass even if the projectile completely penetrates the test sample but does not perforate the witness plate. Perforation of the witness plate by any part of the test specimen or test bullet is determined by passage of light through the witness plate when held up to a 60 watt light bulb.

Ballistic Test Results

Test Sample 2 passed the National Institute of Justice 0108.01 NIJ II Part 2 (.357 Magnum JSP) Ballistic test. There was complete penetration (CP) of the test sample from three of the .357 Magnum JSP caliber projectiles.

Witness Plate and Spall Effects

Spall occurred but no perforation damage to the 0.020 in. type 2024-T4 Aluminum foil alloy witness plate was observed. Since no perforation of the witness plate occurred, the test is assigned a pass result.

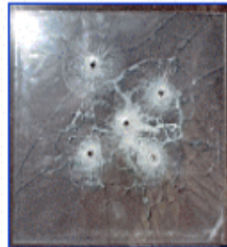
Photographs

The following photographs show both the pre and post-test sample. Additional larger sized photographs are included with this report.

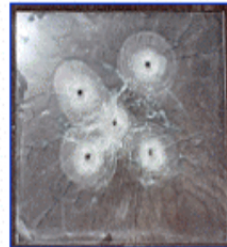
Sample 2: BRDP-003 - SW440BR - July 20, 2018 - NIJ II Part 2 - 18.00 x 18.00 x 3.50 in.



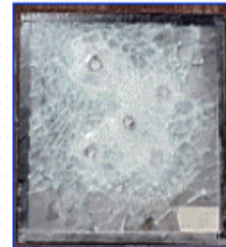
Pre Test Impact Side



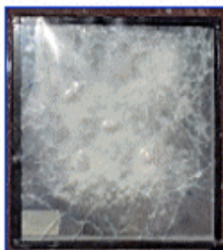
Post Test Impact Side Dual Pane Glazing 1 Outside



Post Test Rear Side Dual Pane Glazing 1 Outside



Post Test Impact Side Dual Pane Glazing 2 Inside



Post Test Rear Side Dual Pane Glazing 2 Inside

Test and Report Engineers

Tested and Reported by: **Sam Raheb**

Signature: *Sam Raheb*

Date: **July 23, 2018**

Ballistic Testing Services

Report Number: BTR-03-01-2019-Sample 1

Phone: 800-513-4291 Email: techsupport@CloseFocusResearch.com

CloseFocusResearch.com

Name: Safe Haven Defense Inc.
 Address: 3120 W Carefree Hwy, Suite 1-543, Phoenix, AZ 85086
 Phone: Phone: 480-689-7871

Report Date: March 1, 2019
 Contact: Steven Johnson
 Email: steve@myshsinc.com

Ballistic Results

Project Summary

Type of Products to be tested: Single Pane Security Glazings
 Test Specimen Sample size(s): 12 x 12 and 18 x 18 inch
 Number of test specimens: 3 Samples
 Weight of all samples: 16.6 lbs
 Are Materials a Health Hazard: No
 Need the Tests performed by: March 1, 2019
 Need products shipped back: Customer Pickup
 Purchase Order Number: Not Applicable

International Ballistic Standards / Specifications Testing

ASTM Canadian FRA NIJ CFR Pass All
 Australian EN1063 Germ DIN State Dept CFR SYA
 British EN1522/23 MIL-SAMIT UL 752 Other
 Test Standard: Underwriters Laboratory UL752
 Particular Test: UL Level 7 (.223 cal. 5.56 NATO FMJ)
 Velocity Range: 3,080 to 3,388 ft/s
 Shots: 5 shots
 Shot Pattern: 4.5 inch ± 0.5 inch square

Test Results

Test Sample: Sample 1
 Item / Part Number: 1 / SW440BR-AR
 Sample ID: SW440BR-14
 Sample Type: Single Pane Security Glazing System
 Sample Size: 12.0 x 12.0 inch (305 x 305 mm)
 Thickness: 0.5 inch (12.7 mm)
 Weight: 5.8 lbs (2.6 kg)
 Weapon Type: .223 caliber / 5.56 NATO
 Cartridge / Projectile Type: 5.56 NATO / M193 FMJ
 Projectile Weight: 55 grains
 Target Distance: 15 feet
 Number of Shots: 5 shots

Shot Sequence:	Shot 1	Shot 2	Shot 3	Shot 4	Shot 5
Impact Velocity (ft/sec)*:	3,181	3,204	3,213	3,190	3,210
Impact Energy (ft-lbs):	1,236	1,253	1,261	1,243	1,258
Impact Momentum (lb-sec.):	0.78	0.78	0.78	0.78	0.78
Impact Angle (degrees):	0°	0°	0°	0°	0°
Sample Penetration:	NP	NP	NP	NP	NP
Witness Plate Penetration:	NP	NP	NP	NP	NP

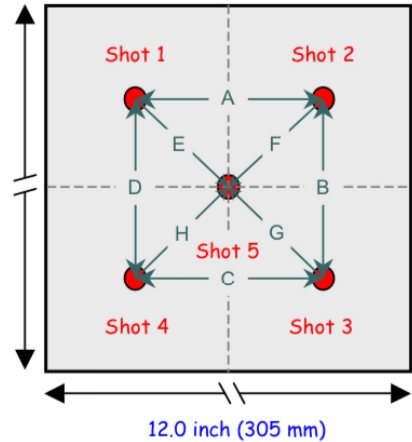
Witness Plate & Spall Result:

Witness plate material: 0.125 in. thick corrugated cardboard
 Spall catch box: Not required
 Witness / Box Distance: 18.0 inches
 Spall Occurrence: No spall occurred
 Test Temperature: 68 ° F
 Test Date: March 01, 2019
 Pass / Fail Results: Passed the Test
 Comments:

Footnotes

* Velocity measurements were taken at a distance of 6 feet from muzzle.

12.0 inch
(305 mm)



Impact Spacing	(inches)	
A	4.80	Average 4.54
B	4.40	
C	4.20	
D	4.75	
E	3.30	Average 3.20
F	3.25	
G	3.25	
H	3.00	

NP = No Penetration
 PP = Partial Penetration
 CP = Complete Penetration
 N/A = Not Applicable

Test and Report Engineers

Tested and Reported by: Sam Raheb

Signature: *Sam Raheb*

Date: March 1, 2019

Name: Safe Haven Defense Inc.

Report Date: March 1, 2019

Ballistic Test Results and Photographs

Ballistic Test Results:

Test Sample 1 passed the Underwriters Laboratory UL752 UL Level 7 (.223 cal. 5.56 NATO FMJ) Ballistic test. There was no complete penetration of the test sample from any of the 5.56 NATO / M193 FMJ caliber projectiles.

Witness Plate and Spall Effects:

No spall occurred or damage to the 0.125 in. thick corrugated cardboard witness plate was observed.

Test and Report Engineers

Tested and Reported by: Sam Raheb

Signature: 

Date: March 1, 2019







SHD BR

ASTM B221 6061 T6 201377-2/1A
ASTM B221 6061 T6 201377-2/1A
ASTM B221 6061 T6 201377-2/1A
ASTM B221 6061 T6 201377-2/1A

ASTM B221 6061 T6 201377-2/1A
ASTM B221 6061 T6 201377-2/1A
ASTM B221 6061 T6 201377-2/1A
ASTM B221 6061 T6 201377-2/1A

ASTM B221 6061 T6 201377-2/1A

