

Ballistic Testing Services  
 Phone: 800-513-4291 Email: [techsupport@CloseFocusResearch.com](mailto:techsupport@CloseFocusResearch.com)

Report Number: BTR-03-26-2009-PO-020355-BR-3 - Sample 6  
 CloseFocusResearch.com

Name: Security Metal Products Corporation  
 Address: 5700 Hannum Avenue, Suite 250, Culver City, CA 902  
 Phone: Phone: 310-641-6690, cell: 562-618-5720

Report Date: March 26, 2009  
 Contact: Roger Lange  
 Email: sales@secmet.com

**Ballistic Results**

**Project Summary**

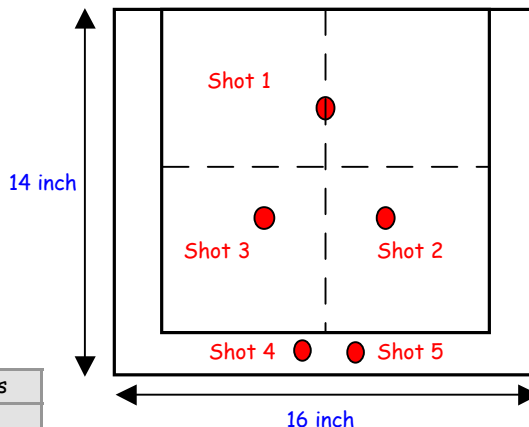
Type of Products to be tested: Door and Frame Assembly  
 Test Specimen Sample size(s): 14 x 16 inch  
 Number of test specimens: 6 Sample(s)  
 Weight of all samples: 215 lbs  
 Are Materials a Health Hazard: No  
 Need the Tests performed by: March 31, 2009  
 Need products shipped back: Yes  
 Purchase Order Number: PO-020355

**International Ballistic Standards / Specifications Testing**

ASTM  Brunswick  FRA  NIJ  CFR Pass All  
 Australian  Canadian  Germ DIN  State Dept  CFR SYA  
 British  EN 1063  MIL-SAMIT  UL 752  Other  
 Test Standard: UL 752  
 Particular Test: UL Level 3 Part 1 (.44 Magnum SWC)  
 Velocity Range: 1,350 to 1,485 ft/s  
 Number of Shots: 3 shots  
 Spacing / Pattern: 4.5 inch triangle

**Test Results**

Product Number: BR-3 - Sample 6  
 Sample Type: Door and Frame Assembly  
 Sample Size: 14 x 16 inch  
 Thickness: 6 inches  
 Weight: 30.5 lbs  
 Weapon Type: .44 Magnum  
 Cartridge / Projectile Type: .44 Magnum SWC  
 Projectile Weight: 240 gr  
 Target Distance: 15 ft



Particular Test:	UL Level 3 Part 1 (.44 Mag.)		
Number of Shots:	3 shots Door Section		
Shot Sequence:	Shot 1	Shot 2	Shot 3
Impact Velocity (ft/sec) *:	1,359	1,368	1,408
Impact Energy (ft-lbs):	984	997	1,056
Impact Momentum (lb-sec):	1.45	1.46	1.50
Impact Spacing (inches) **::	4.6	4.7	4.7
Impact Angle (degrees):	0 °	0 °	0 °
Penetration Effect:	NP	NP	NP

Frame shots	
2 shots	
Shot 4	Shot 5
1,358	1,352
983	974
1.45	1.44
N/A	2.7
0 °	0 °
NP	NP

Impact Spacing / Pattern: 4.67 inch (average)  
 Witness plate material: 0.125 in. thick corrugated cardboard  
 Witness Plate Distance: 18 inches  
 Spall Occurrence: None  
 Test Temperature: 74 °F  
 Test Date: March 26, 2009  
 Comments: Passed the Test

NP = No Penetration  
 CP = Complete Penetration

**Comments and Test Descriptions**

- \* Velocity measurements were taken at a distance of 6.6 ft from muzzle
- \*\* Impact Spacing is the distance between shots. ( shot 1= 3 to 1, shot 2 = 1 to 2, shot 3 = 2 to 3)

**Test and Report Engineers**

Tested and Reported by: Sam Wilson

Signature: Sam Wilson

Date: March 26, 2009

Name: [Security Metal Products Corporation](#)

Report Date: [March 26, 2009](#)

**Ballistic Test Results and Photographs**

**Ballistic Test Results:**

The Door and Frame Assembly sample passed the UL Level 3 Part 1 (.44 Magnum SWC) Ballistic test.

**Projectile Penetration Effects:**

There was no partial or complete projectile penetration of the Door and Frame Assembly sample for all 5 shots.

**Witness Plate and Spall Effects:**

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

**Test and Report Engineers**

Tested and Reported by: Sam Wilson

Signature: *Sam Wilson*

Date: [March 26, 2009](#)