

ELEMENT MATERIALS TECHNOLOGY WICHITA

BALLISTIC RESISTANCE TEST

Date Received: December 30, 2024
 Via: Hand
 Returned Via: Hand

Record No.: SHD24004-1
 Test Date: December 30, 2024
 Customer: Safe Haven Defense

Test Conditions

Temperature: 70.1 F
 Humidity: 50 %
 Test Spec.: UL 752, 11th Edition: December 21, 2006
 Test Reference: Table 3.1 ICW Paragraph 17.2.1
 Material Type: (Non-Metallic) Bullet Resisting Material
 Threat Level: Level 1
 Shots Required: 5

Range 3

Muzzle to Screen 1: 5.00 ft.
 Screen 1 - 2: 5.00 ft.
 Screen 2 - Target: 5.00 ft.
 Midpoint to Target: 7.50 ft.
 Target to Witness: 1.50 ft.
 Witness: 1/8" Corrugated Cardboard
 Barrel Length: 10 in.

Sample Description	Test / Ammunition Description					Chronograph		Test Result
Manufacturer: Safe Haven Defense Model No.: SW600BR (Tempered Glass) Size (in.): 18 x 18 Thickness (in.): 1" OA Weight (lbs.): 16.747	Shot No.	Shot Location	Degree Obliquity	Caliber	Bullet Weight (gr.) /Type	TIME sx-5	VELOCITY ft/s	Penetration
	1	TC	0°			393.2	1272	No Penetration
	2	BL	0°	9mm	124 / FMJ	409.0	1222	No Penetration
	3	BR	0°			411.5	1215	No Penetration
	1	TL	0°	9mm	124 / FMJ	412.4	1212	No Penetration
	2	TL	0°			413.1	1210	No Penetration
	1	Edge	0°	9mm	124 / FMJ	412.7	1212	No Penetration

This test was performed in accordance with the specification requirements and the results properly reflect the ballistic performance of the listed sample.

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Notes:

- Sample secured to test fixture using frame and clamps
- *Thickness is measured as 2 x 0.25" panes with 0.50" air gap

Test Round Used:

Test Round: Remington 9mm 124 gr. FMJ (23558)
 Test Velocity: 1175 - 1292.5 fps

Shot Locations / Spacing:

Shot Location: Center of Panel
 Shot Spacing: 4.0 +/- 0.50" (102 +/- 12.7mm) Triangle
 Shot No. 1: TC - Top Center
 Shot No. 2: BL - Bottom Left
 Shot No. 3: BR - Bottom Right
 Shot No. 4: TL - 1.5" spacing from Shot No. 5
 Shot No. 5: TL - 1.5" spacing from Shot No. 4
 Shot No. 6: RC - 1.25" from edge

- *Three impacts on a 4" Triangle.
- *Two impacts spaced 1.5" apart.
- *One impact 1.25" from edge