

NATIONAL TECHNICAL SYSTEMS

BALLISTIC RESISTANCE TEST

Date Received: August 21, 2023
 Via: Hand
 Returned Via: Hand

Record No.: SHD23003-1
 Test Date: October 9, 2023
 Customer: Safe Haven Defense

Test Conditions

Temperature: 68.4 F
 Humidity: 44 %
 Test Spec.: NIJ
 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: 2024-T3 Alum.
 Barrel Length: 22 in.

Sample Description	Test / Ammunition Description					Chronograph		Test Result
Manufacturer: Safe Haven Defense Model No.: SW600BR Sample No.: N/A Size (in.): 18 x 18 Weight (lbs.): 14.486	Shot No.	Shot Location	Degree Obliquity	Caliber	Bullet Weight (gr.) /Type	TIME sx-5	VELOCITY ft/s	Penetration
	1	TL	0°	.22 Cal	40 / Lead	498.0	1004	No Penetration
	2	TR	0°			615.8	812	No Penetration
	3	BR	0°			472.8	1058	No Penetration
	4	BL	0°			473.8	1055	No Penetration
	5	C	0°			411.3	1216	No Penetration
	6	Top	0°			486.7	1027	No Penetration
	7	Top	0°			420.6	1189	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.
- Shot No. 1 and 2, insufficient velocity.

Test Round Used:

Test Round: .22 Cal 40gr. Lead
 Test Velocity: 1050 +/- 40 ft/s

Shot Locations / Spacing (17.2.1):

Shot Location: Center of Panel
 Shot Spacing: 5 Shot Dice Pattern
 Shot No. 1: Top Left
 Shot No. 2: Top Right
 Shot No. 3: Bottom Right
 Shot No. 4: Bottom Left
 Shot No. 5: Center
 Shot No. 6: Top
 Shot No. 7: Top

Sample Description:

Glass (0.500" thick).