

National Technical Systems

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HARD ARMOR STAND-ALONE PLATE:

P-BFS TEST

Date Received: November 28, 2022
Via: Fedex
Returned Via: Fedex

Record No.: EXT22001-4
Test Date: November 29, 2022
Customer: Extant Armor Co.

Test Conditions

Temperature: 69.7 °F
Humidity: 44 %

Clay Block No.: 7
Clay Block Size: 24" x 24" x 5.5"
Clay Temperature: 96.8 °F
Drop Average: 18.72 mm

Range 3

Muzzle to Screen 1: 39.30 ft.
Screen 1 - 4: 5.00 ft.
Screen 4 - Target: 5.70 ft.
Midpoint to Target: 8.20 ft.
Barrel Length: 26 in.

Test Standard: IAW Modified / Abbreviated NIJ 0101.06, July 2008
Threat Level: III+

Conditioning: No
Drop Test: No
Submersion: No

Sample Description	Shot / Projectile Description				Chronograph		Test Results	
	Shot No.	Shot Location	Degree Obliquity	Caliber	Bullet Weight (gr.) / Type	TIME sk-5	VELOCITY ft/s	Perforation BFS (mm)
Manufacturer: Extant Armor Co.	1	Top Left	0°	7.62mm NATO	147 / FMJ (M80)	179.6	2784	8.61
Model No.: HOPLITE MK2 III+	2	Top Right	0°			177.6	2815	5.85
Lot No.: N/A	3	Bottom Left	0°	5.56x45mm	62 / M855	159.6	3133	1.40
Serial No.: N/A	4	Bottom Right	0°			159.7	3131	0.96
Size: 10x12								
Weight (lbs.): 9.297								

This test was performed in accordance with the specification requirements listed in addition to any customer testing modifications or requests. The test results properly reflect the ballistic performance of the listed sample. This test report shall not be reproduced except in full without written approval of National Technical Systems.

Notes:

•Stand-Alone plate tested non-planar (with clay mound / build-up).

Sample Description:

•Customer Proprietary.

Project Manager: Montgomery
Range Tech(s): Nold / Randolph