My Wall LTD.
Ballistic Testing & Engineering
Bazalet st. (E.P.S. Building), P.O.B 12376 Mizpe Sapir Industrial Area, ZUR IGAL 44862 Israel.
Office: 972-9-7493614 Fax: 972-9-7493803 Cellular: 972-50-3542551 e-mail: mywall@012.net.il

Ballistic Test Report

The Client: **Bagira Gear**
Description: **SIC + UHMWPE Plate R-400**
0.07189 sq/m

Date: **29.07.2024**
Report No.: **15667**

Panel Details:

Weight (kg.): **2.255** (lbs.)
Areal weight (kg./m^2): **31.37** (lbs./sq.ft.): 6.42
Thickness (mm): **24.4** (inches):
Dimentions: (mm): **298 x 255 - (80 x 50 + 10 x10)**
Dry sample (**X**) \ Wet sample ( )

Test Std.: Level: V 4 **Vel. 725-745 m/s**
STAND ALONE
Remarks:
140mm CLAY BACKING.
Clay Decline: Av. 19.4 mm

Lab. Set-up

(*) Range between center of measurement to the target 3.8m
(*) Temperature : **22** ^{0}C / 72 ^{0}F
(*) Rel. Humidity : **54** (%)

Test Results

Shot No.:	Test Bullet	Bullet Description	Bullet Weight (grains) (grams)	Distance (feets) (meters)	Angle NATO	Velocity (ft/sec) (m/sec)	Penetrated/ Stopped	Edge BFS (mm)	Distance Between Bullets (mm)
1	7.62X39 API	China 71/07	119 7.7	32.81 10	0	2411 734.9	Stopped	19	3-1 53
2	7.62X39 API	China 71/07	119 7.7	32.81 10	0	2416 736.4	Stopped	26	2-1 81
3	7.62X39 API	China 71/07	119 7.7	32.81 10	30	2420 737.6	Stopped	18	3-2 70
4	7.62X39 API	China 71/07	119 7.7	32.81 10	0	2434 741.9	Stopped	42.0 34	
5	7.62X39 API	China 71/07	119 7.7	32.81 10	0	2419 737.3	Stopped	35x44 33	
6	7.62X39 API	China 71/07	119 7.7	32.81 10	30	2430 740.7	Stopped	44.0 16	
7									

Remarks:

The tested sample complies (**X**) \ doesn't comply ( ) to the requirements.

Tested by: YUVAL FUCHS

Ballistic Testing & Engineering VAT 513744045 My Wall

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Ballistic Test Report

The Client: **Bagira Gear**
Description: **SIC + UHMWPE Plate R-400**
0.0724 sq/m

Date: **29.07.2024**
Report No.: **15670**

Panel Details:

Weight (kg.): **2.259**
(lbs.)
Areal weight (kg./m^2): **31.2**
(lbs./sq.ft.): 6.39
Thickness (mm): **24.6**
(inches):
Dimentions: (mm): **300 x 255 - (80 x 50 + 10 x10)**

Dry sample (**X**) \ Wet sample ( )

Test Std.: Level: V 3 **Vel. 840-860 m/s**

STAND ALONE

Remarks:
140mm CLAY BACKING.
Clay Decline: Av. 19.4 mm

Lab. Set-up

(*) Range between center of measurement to the target 3.8m
(*) Temperature : **22** ^{0}C / 72 ^{0}F
(*) Rel. Humidity : **54** (%)

Test Results

Shot No.:	Test Bullet	Bullet Description	Bullet Weight (grains) (grams)	Distance (feets) (meters)	Angle NATO	Velocity (ft/sec) (m/sec)	Penetrated/ Stopped	Edge BFS (mm)	Distance Between Bullets (mm)
1	7.62X51 FMJ M80	I.M.I.	147 9.5	32.81 10	0	2764 842.5	Stopped	29	3-1 66
2	7.62X51 FMJ M80	I.M.I.	147 9.5	32.81 10	0	2797 852.5	Stopped	36	2-1 77
3	7.62X51 FMJ M80	I.M.I.	147 9.5	32.81 10	30	2792 851.0	Stopped	32	3-2 75
4	7.62X51 FMJ M80	I.M.I.	147 9.5	32.81 10	0	2764 842.5	Stopped	37X35	
5	7.62X51 FMJ M80	I.M.I.	147 9.5	32.81 10	0	2770 844.3	Stopped	37X37	
6	7.62X51 FMJ M80	I.M.I.	147 9.5	32.81 10	30	2774 845.5	Stopped	37X45	
7									

Remarks:

The tested sample complies (**X**) \ doesn't comply ( ) to the requirements.

Tested by: YUVAL FUCHS

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