

**Ballistic Test Report****The Client:** **ארפל אלומאייר בע"מ**Description: **דלת הדף מוסדית**  
**25mm ST-37 Steel**Date: **03/11/2024**Report No.: **16073****Panel Details:****Weight (kg.): 17.03**      **Areal weight (kg./m<sup>2</sup>): 190.49**  
(lbs.)      (lbs./sq.ft.): 39.01**Thickness (mm) : 24.8**      **Dimintions: (mm): 300 X 298**  
(inches):      (inches): 11.81 X 11.73Dry sample (  ) \ Wet sample (  )**Test Std.: En 1522/2 Level: FB-6 Vel: 830 ± 10 m/s****Stand Alone****Lab. Set-up**(\*) Temperature : **23 °C / 73 °F**(\*) Rel. Humidity : **56 (%)****Test Results**

Shot No.:	Test Bullet	Bullet		Distance (feet) (meters)	Angle  0	Velocity (ft/sec) (m/sec)	Penetrated/ Stopped	Between Bullets  mm
		Description	Weight (grains) (grams)					
1	7.62X51 FMJ M80	I.M.I.	147 9.5	32.81 10	0	2733 833.0	Stopped	3-1 50
2	7.62X51 FMJ M80	I.M.I.	147 9.5	32.81 10	0	2756 840.0	Stopped	2-1 54
3	7.62X51 FMJ M80	I.M.I.	147 9.5	32.81 10	0	2735 833.6	Stopped	3-2 54
4								
5								
6								

Remarks:

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

Tested by: YUVAL I FUCHS







**Ballistic Test Report****The Client:** **ארפל אלומאייר בע"מ**Description: **דלת הדף מוסדית**  
**25mm ST-37 Steel**Date: **03/11/2024**Report No.: **16076****Panel Details:**Weight (kg.): **16.98**      Areal weight (kg./m<sup>2</sup>): **191.21**  
(lbs.)      (lbs./sq.ft.): **39.16**Thickness (mm) : **24.8**      Dimintions: (mm): **298 X 298**  
(inches):      (inches): **11.73 X 11.73**Dry sample (  ) \ Wet sample (    )**Test Std.:** **En 1522/2**    Level: **FB-7**    Vel: **730 ± 10 m/s****Stand Alone****Lab. Set-up**(\*) Temperature :      **23 °C / 73 °F**(\*) Rel. Humidity :      **56 (%)****Test Results**

Shot No.:	Test Bullet	Bullet		Distance (feet) (meters)	Angle	Velocity (ft/sec) (m/sec)	Penetrated/ Stopped	Between Bullets mm
		Description	Weight (grains) (grams)					
1	7.62X39 API BZ	Russia 539	119 7.7	32.81 10	0	2408 734.0	Stopped	3-1 57
2	7.62X39 API BZ	Russia 539	119 7.7	32.81 10	0	2426 739.4	Stopped	2-1 69
3	7.62X39 API BZ	Russia 539	119 7.7	32.81 10	0	2401 731.8	Stopped	3-2 57
4								
5								
6								

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

Tested by: YUVAL IFUCHS



**Ballistic Test Report****The Client:** **ארפל אלומאייר בע"מ**Description: **דלת הדף מוסדית**  
**25mm ST-37 Steel**Date: **03/11/2024**Report No.: **16077****Panel Details:**Weight (kg.): **16.98**      Areal weight (kg./m<sup>2</sup>): **191.21**(lbs.)      (lbs./sq.ft.): **39.16**Thickness (mm) : **24.8**      Dimintions: (mm): **298 X 298**(inches):      (inches): **11.73 X 11.73**Dry sample ( **X** ) \ Wet sample (   )**Test Std.:** **Stanag 4569 Level: 1 Vel: 990 ± 10 m/s H.V.****Stand Alone****Lab. Set-up**(\*) Temperature : **23 °C / 73 °F**(\*) Rel. Humidity : **56 (%)****Test Results**

Shot No.:	Test Bullet	Bullet		Distance (feet) (meters)	Angle	Velocity (ft/sec) (m/sec)	Penetrated/ Stopped	Between Bullets mm
		Description	Weight (grains) (grams)					
1	5.56X45 FMJ M193	I.M.I.	55 3.6	32.81 10	0	3295 1004.3	Stopped	4-1 60
2	5.56X45 FMJ M193	I.M.I.	55 3.6	32.81 10	0	3256 992.4	Stopped	2-1 31
3	5.56X45 FMJ M193	I.M.I.	55 3.6	32.81 10	0	3286 1001.6	Stopped	3-2 78
4	5.56X45 FMJ M193	I.M.I.	55 3.6	32.81 10		3256 992.4	Stopped	4-3 31
5								
6								

**Remarks:**The tested sample complies ( **X** ) \ doesn't comply (   ) to the requirements.Tested by: **YUVAL IFUCHS**

**Ballistic Test Report****The Client:** **ארפל אלומאייר בע"מ**Description: **דלת הדף מוסדית**  
**25mm ST-37 Steel**Date: **03/11/2024**Report No.: **16078****Panel Details:**Weight (kg.): **16.98**      Areal weight (kg./m<sup>2</sup>): **191.21**  
(lbs.)      (lbs./sq.ft.): **39.16**Thickness (mm): **24.8**      Dimintions: (mm): **298 X 298**  
(inches):      (inches): **11.73 X 11.73**Dry sample (  ) \ Wet sample (    )**Test Std.:** **Stanag 4569 Level: 1 Vel: 950 ± 10 m/s****Stand Alone****Lab. Set-up**(\*) Temperature : **23 °C / 73 °F**(\*) Rel. Humidity : **56 (%)****Test Results**

Shot No.:	Test Bullet	Bullet		Distance (feet) (meters)	Angle	Velocity (ft/sec) (m/sec)	Penetrated/ Stopped	Between Bullets mm
		Description	Weight (grains) (grams)					
1	5.56X45 M855/SS109	I.M.I.	62 4.0	32.81 10	0	3161 963.5	Stopped	
2	5.56X45 M855/SS109	I.M.I.	62 4.0	32.81 10	0	3096 943.7	Stopped	2-1 31
3	5.56X45 M855/SS109	I.M.I.	62 4.0	32.81 10	0	3155 961.6	Stopped	3-2 60
4	5.56X45 M855/SS109	I.M.I.	62 4.0	32.81 10	0	3099 944.6	Stopped	4-3 32
5								
6								

**Remarks:**The tested sample complies (  ) \ doesn't comply (    ) to the requirements.Tested by: **YUVAL IFUCHS**