

Cert. No: LF20211949



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中国认可
国际互认
检测
TESTING
CNAS L0269

Certificate of Test

Client: Folkward

Address: Sindelargasse 82, 1100 Vienna, Austria

Sample Name: Bulletproof Plate-ECO Sideplate 15 × 15

Physical and Chemical Inspection Center in Non-metals
Material of Ordnance Industries


Nov.03.2021

Physical and Chemical Inspection Center in Non-metals Material of Ordnance Industries

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Sample Name	Bulletproof Plate-ECO Sideplate 15 × 15	Test Type	Consignation Test
Client	Folkward	Contact Person	Folkward
Address	Sindelargasse 82,1100 Vienna, Austria	Phone	+43(0)660 666 90 35
Date Received	09/30/2021	Date Tested	11/02/2021
Sample No.	4-1#	Sample Amount	1
Test Standard	NIJ 0101.06 Ballistic Resistance of Body Armor Level III		
Categories	Ballistic Resistance		
Test Conclusion	<p>The Bulletproof Plate-ECO Sideplate 15 × 15 provided by Folkward was tested according with NIJ 0101.06 Level III and client requirements. Under normal temperature and humidity, no perforation occurs after 2 fair shots at the sample with 7.62mm × 51 NATO M80, the maximum BFS depth is 38.5mm, no Backface Signature (BFS) depth exceeds 44mm. The results show that the ballistic resistance of the sample satisfies the requirements of NIJ 0101.06 Level III.</p> <p>Laboratory configuration, sample description and test results are showed from Page 2 to 4.</p> <div style="text-align: center; margin-top: 20px;">  <p>Physical and Chemical Inspection Center in Non-metals Material of Ordnance Industries Nov.03.2021 业务专用章</p> </div>		
Prepared By:	<i>Gavho</i>	Reviewed By:	<i>Jiufang</i>
		Approved By:	<i>Louji</i>

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Laboratory Configuration	
Test Unit	Physical and Chemical Inspection Center in Non-metals Material of Ordnance Industries
Ambient Test Conditions	Temperature: 20°C; Relative Humidity: 52%
Setup	Weapons: M14 7.62mm Automatic Rifle Bullets: 7.62mm × 51 NATO M80 Electrical chronometer (No.:6015) Meter Rule (No.:LS02061) Vernier Caliper (No.:15120401) Electronic Balance(No.:F40604303)
Test Range	15m
Angle of Incidence	0°
Sample Description	
Sample No.	4-1#
Configuration	PE + foam
Remarks	※ Client requirements: The sample should be shot with 2 rounds of 7.62mm × 51 NATO M80.

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Results of Ballistic Resistance Test

Conditioning	Size (mm × mm)	Thickness (mm)	Weight (g)	Shot No.	Velocity(m/s)	Results	BFS Depth(mm)
Normal Temperature and Humidity	150 × 150	29.8	568	1	840.0	Stop	29.4
				2	841.4	Stop	38.5

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Attached Pictures

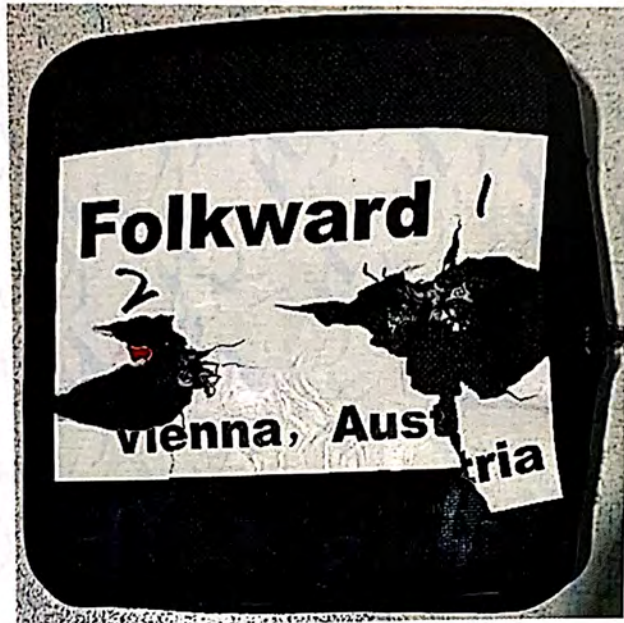


Fig. 1 Bulletproof Plate-ECO Sideplate 15×15 (strike face)

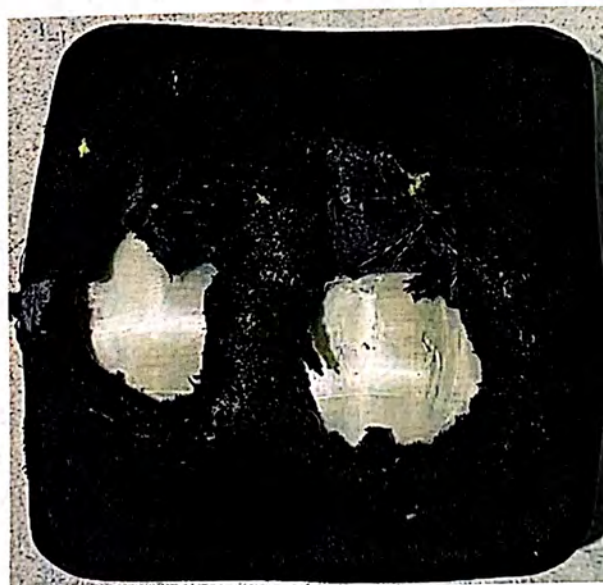


Fig. 2 Bulletproof Plate-ECO Sideplate 15×15 (wear face)