

Cert. №: LF20212129



170021181701



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 IV Sideplate 15×20


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

Dec.02.2021

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

Page 1 of 4

Cert. №: LF20212129

<b>Sample Name</b>	Bulletproof Plate-ECO IV Sideplate 15×20	<b>Test Type</b>	Consignation Test
<b>Client</b>	Folkward	<b>Contact Person</b>	Folkward
<b>Address</b>	Sindelargasse 82, 1100 Vienna, Austria	<b>Phone</b>	+43(0)660 666 90 35
<b>Date Received</b>	11/22/2021	<b>Date Tested</b>	12/01/2021
<b>Sample No.</b>	2-1#	<b>Sample Amount</b>	1
<b>Test Standard</b>	NIJ 0101.06 Ballistic Resistance of Body Armor Level IV		
<b>Categories</b>	Ballistic Resistance		
<b>Test Conclusion</b>	<p>The Bulletproof Plate-ECO IV Sideplate 15×20 provided by Folkward was tested according with NIJ 0101.06 Level IV and client requirements. Under normal temperature and humidity, no perforation occurs after 1 fair shot at the sample with 7.62mm API, the BFS depth is 28.7mm, 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 IV.</p> <p>Laboratory configuration, sample description and test results are showed from Page 2 to 4.</p>		
 <p>Physical and Chemical Inspection Center in Non-metals Material of Ordnance Industries Dec. 02. 2021 业务专用章</p>			
<b>Prepared By:</b>	<i>Gaw mo</i>	<b>Reviewed By:</b>	<i>Fengyong</i>
		<b>Approved By:</b>	<i>Jurjo</i>





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

Page 2 of 4

Cert. №: LF20212129

<b>Laboratory Configuration</b>	
<b>Test Unit</b>	Physical and Chemical Inspection Center in Non-metals Material of Ordnance Industries
<b>Ambient Test Conditions</b>	Temperature: 18°C; Relative Humidity: 45%
<b>Setup</b>	Weapons: Ballistic Barrel Bullets: 7.62mm API Electrical chronometer (No.:6015) Meter Rule (No.:LS02061) Vernier Caliper ( No.:15120401 ) Electronic Balance( No.:F40604303)
<b>Test Range</b>	15m
<b>Angle of Incidence</b>	0°
<b>Sample Description</b>	
<b>Sample No.</b>	2-1#
<b>Configuration</b>	Al <sub>2</sub> O <sub>3</sub> Ceramic / PE plate / foam
<b>Remarks</b>	※Client requirements: The sample should be shot with 1 round of 7.62mm API.



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

Page 3 of 4

Cert. №: LF20212129

**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	150×200	30.0	1150	1	874.1	Stop	28.7





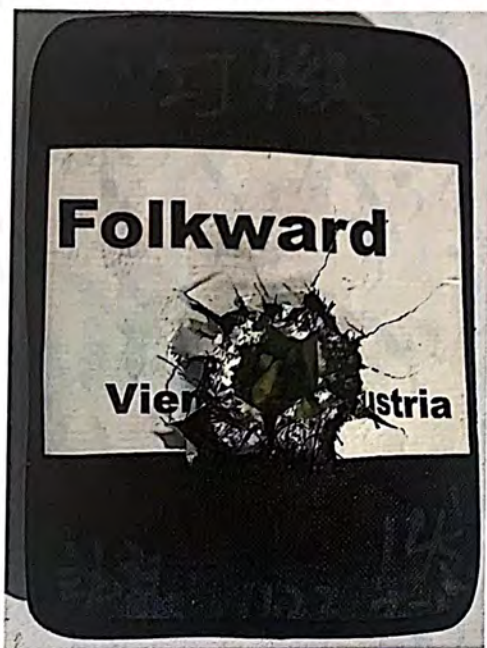
**Physical and Chemical Inspection Center  
in Non-metals Material of Ordnance Industries**

**Certificate of Test**

Page 4 of 4

Cert. №: LF20212129

**Attached Pictures**



**Fig. 1 Bulletproof Plate-ECO IV Sideplate 15×20 (strike face)**



**Fig. 2 Bulletproof Plate-ECO IV Sideplate 15×20 (wear face)**