

TEST REPORT

2025CO1802

DATE OF RECEPTION

Date Format: dd/MM/yyyy 24/03/2025

DATE TESTS

Starting: 08/04/2025

Ending: 09/04/2025

APPLICANT

STERGIOPOULOS LEGEND SINGLE MEMBER P.C
28th OCTOBER 152
GR-56121 THESSALONIKI (THESSALONIKI)
Greece

Att. CHRIS STERGIOPOULOS

IDENTIFICATION AND DESCRIPTION OF SAMPLES

Reference by AITEX	Reference by customer	AITEX sample description
2025CO1802-S01	PLATE LEGEND SHIELD	Plate

TESTS CARRIED OUT

- BALLISTIC RESISTANCE TEST.

Tests marked with * are not included within the scope of the ENAC accreditation.





DESCRIPTION OF SAMPLES



Reference by AITEX: 2025CO1802-S01

Reference by customer:

PLATE LEGEND SHIELD



RESULTS

BALLISTIC RESISTANCE TEST

Standard

Perforation and Backface Signature Test (P-BFS) according to point 7.8 from NIJ 0101.06

Standard deviation

The complete test for classification is not carried out. On request of the client, only one plate is tested without pretreatments (dry test) with the ammunition corresponding to level III. All the BFS are recorded.

Classification level

Equipment

Shooting range
Thermohygrometer
Gauge
Radar
Optical barriers
Shooting rig
Scale
Stopwatch
Holder mount

Reference

2025CO1802-S01

Sample description

Hard plate 300 x 255 mm with cover in black colour. It is 17.9 mm thick. The weight of the sample is:

Panel	Weight
Plate Legend Shield	1626 g

Sample conditioned

More than 24 h at ambient conditions.

Pretreatment

Handload velocity test

OK

Test date

08/04/2025 - 09/04/2025

Velocity measurement

The velocity measurement is made using optical barriers and radar. In the tables of results it is shown the speed at the impact point.

Test shot distance

15 m

Strapping arrangement

According to the standard

Requirements

There should be no perforation of the sample and the traumas must not be higher than 44 mm.

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**Results by panel****Caliber 1**

Plate Legend Shield

7.62 X 51 mm FMJ M80 9.6 g (847 ± 9.1) m/s**Test conditions**

20.4°C / 42.0% R.H

Roma #1 Plastiline Calibration

AVERAGE: 19,0 mm before the test 37 °C

AVERAGE: 17,7 mm after the test 35 °C

POSITION	ANGLE	VELOCITY	FAIR HIT (Yes/No)	PERFORATIO N	TRAUMA (mm)
1	0°	844,0	YES	NO	52.8
2	0°	842,6	YES	NO	51.9
3	0°	846,5	YES	NO	55.9
4	0°	837,6	YES	NO	51.7
5	0°	840,9	YES	NO	47.2
6	0°	844,8	YES	NO	49.1

Test uncertainty ± 1.0 m/s in the velocity measurement and ± 0.3 mm in the trauma measurement

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Begoña Picó
Head of Public Tenders Division



Date: 17/04/2025 14:04:37

Digitally Signed by: RAQUEL SALES PERICAS -

NIF: 21667783N

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