

# Beschussamt Mellrichstadt

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11OKTOMVRI-EUROKOMPOZIT AD  
Alek.Makedonski, 2/42

MAK-7500 Prilep

## Test Report

Testing the ballistic resistance of body armor

Report No. : 10W073-01#, order No.: 7047  
Date of delivery : 19.02.2010  
Tester : Schmitt, Volkheimer  
  
Sample type : compound plate (stand alone)  
Designation : No. 1  
Size of the sample : 300x255mm  
  
Applicant : 11OKTOMVRI-EUROKOMPOZIT AD  
Manufacturer : 11OKTOMVRI-EOROKOMPOZIT AD  
  
Requirement : 7,62 x 63 AP



Willner



Mellrichstadt, 11.03.2010

The test results are only valid for the samples described in this test report.  
This test report is only valid with the correspondence of the report numbers on all pages and with the official seal.  
Duplication in extracts of this report is only allowed with written approval of the Beschussamt Mellrichstadt.

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Report-No.: 10W073-01#

Test date: 10.03.2010

Description of the specimen in shooting direction (specification of the manufacturer):

20mm compound plate (single curved)

Size of the samples (mm): 300 x 255

Total weight determined by the Beschussamt (g) : 3729  
mass per unit area determined by the Beschussamt (kg/m<sup>2</sup>) : ----  
mass per unit area determined by the manufacturer (kg/m<sup>2</sup>) : ----

Test conditions and results:

Calibre : 7,62 x 63 (.30-06 Springfield)  
Bullet type : AP (M2AP, Lake City, CN-141)  
Bullet mass : 10,60g  
Weapon : test barrel, No. 02/01  
Barrel length : 610mm  
Twist : 254mm  
Shooting distance : 15,00m  
Test range temp. : 21°C  
Test range humid. : 25%  
Sample temperature : 21°C  
Backing Material : Roma No.1  
Backing material calibration: 18,5mm 19,0mm 18,5mm

Test requirement:

spray test according to NIJ Standard-0101.04

No.	veloc. V(12,50) [m/s]	energy E(12,50) [J]	pene- tration Y/N	angle [deg.]	depth plasticine [mm]	diam. [mm]	remarks
1	870	4012	N	90,0	36,0	80	stopped in the plate

90°deg = 0°NATO

The test has been carried out for special demands of the applicant. Therefore a final classification is not applicable. The following guideline was applied in parts:  
NIJ Standard-0101.04 Armor Type IV

This report consists of 2 pages