

BALLISTIC COMPOSITE PANELS

BULLET-PROOF AND EXPLOSION-RESISTANT PANEL MATERIAL

embassy building
gates
perimeter protection
maritime security

military camps
mobile room systems and containers
police buildings
sentinels

panic rooms
counter constructions
court houses
guard- and gate-houses



**calibre
bullet**

7,62 x 51 mm
full jacket, pointed,
soft core; type: DM111

bullet weight

9,55 ± 0,1 gram



**calibre
bullet**

5,56 x 45 mm
full jacket, pointed, with steel
penetrator, soft core; type: SS109

bullet weight

4,00 ± 0,1 gram

TECHNICAL DATA

plate thickness	13 mm 13 mm 50 mm air 13 mm
weight	76 kg/m ²
application range	-30 to +60°C
fire class	DIN 4102 B2 ASTM E-84-98 < 25, class A UL94 V V 0
width	1000 mm
length	2.000, 2.500, 3.000 mm or made to measure up to 12.000 mm
bending strength	320 MPa
tensile strength	300 MPa
compressive strength	420 MPa
E-module	30000
impact strength IZOD	180 KJ/m ²
water intake	< 0,15 %