

# composite

innovative solutions

## Ballistic protection Type IIIA ( Primum )

Ballistic protection Type IIIA armour. according to nij 0108.01 standard, presents protection for the following projectiles:

- 9mm FMJ of 8 gr or of .44 Magnum SJHP of 15,6 gr with speed of 426 m / s ( $\pm 9,1$  m / s) projectiles;

Fire resistance according to EN 13087-7:2000 standard and flame resistance according to FED-STD-191 standard, method 5905.1.

The ballistic panels withstand, without prejudice of their ballistic protection properties. temperatures between  $-37^{\circ}\text{C}$  and  $+71^{\circ}\text{C}$  and submersion in salt water for a minimum period of 3 hours in 1 meter in depth.

The ballistic panels have high resistance to corrosion caused by diesel. gasoline. motor oil. hydraulic fluids, JP-8 aviation fuel. oil for cleaning and maintenance of weapons. insect repellent and facial paint..



**These rigid panels take in consideration new developments in different areas, namely multiscale materials with high energy absorption.**

**The ballistic panels are covered with 10 years guarantee**

Properties	Obtained Values
Weight ( $\text{Kg}/\text{m}^2$ )	6,5
Mass per volume ( $\text{kg}/\text{m}^3$ )	957
Thickness (mm)	6