

VEHICLE PROTECTION AGAINST AP MINES

This lightweight system has been developed for protection of vehicles against anti-personnel mines during humanitarian missions. In this new system the following criteria have been given highest priority :

- High degree of protection – V50 > 600 m/s for 1,1 g. FSP according to STANAG 2920.
- Low weight.
- Swift and easy mounting.
- No modification of the vehicle.

Looking into the interior of a vehicle where the ballistic mats are being glued to the bottom of the car. The individual mats overlap each other in order to secure maximum protection. After mounting the ballistic mats, the original components of the car are reinstalled.

The mine protection system can be supplied as a kit ready for mounting on the site where the vehicle is located. Before mounting the system, seats, door panels and bottom mats of the car are removed.

Then the individual ballistic mats are mounted in the vehicle. Please notice the big overlap that grants maximum protection against fragments.



Example of a protection for a Toyota Land Cruiser : the system consists of over 20 different mats, each one sealed by a heavy PVC-cover for protection against wear and moisture.



TECHNICAL DATA

Protection level: V50 > 600 m/s for 1.1 gram FSP, according to STANAG 2920.

Material: Aramid fibers woven and stitched together into flexible mats.

Surface: PVC foil.

Weight: 8.2 kg/sqm.

Total weight: approx. 60 kg, depending on the model.

Interior: No modifications.

Scantex system made in cooperation with Scanfiber Composites manufacturer of armoured systems made of light weight high strength ballistic fibres.