Light Weight Armouring of Soft Skinned Vehicles

Protection of personnel inside Soft Skinned Vehicles
There are many obvious reasons for upgrading soft skinned vehicles with Scanfibers composite materials. Among the most significant are:

- Low added weight (no upgrading of suspension, brakes etc. is needed)
- High level of protection
- Quick transformation of the vehicle
- Low price compared to buying a new armoured vehicle

Scanfiber holds great references for upgrading military as well as civilian soft skinned vehicles. Scanfiber have supplied both the Danish and Swedish armed forces with upgrading kits for soft skinned vehicles. Usually, the sides are armoured according to NATO STANAG 4569 and the floor is protected according to NATO STANAG 2920. The level of protection can of course be tailored to the customers’ exact requirements.

Upgrading a vehicle with Scanfibers systems will not make the vehicle 100% bulletproof, but it will enhance the protection of the crew considerably. Compared to the cost of purchasing a new armoured vehicle, uparmouring with Scanfibers products are much more cost effective. Additionally, the lead time is extremely short, as well as Scanfiber offers to install the kit for customers convenience.
Cabin Protection according to NATO STANAG 4569

With Scanfibers light weight solutions according to NATO STANAG 4569 it is possible to armour the cabin of a soft skinned vehicle upto Level 2 without any radical reinforcement of the chassis, suspensions, brakes or engine and still retain a high payload.

Depending on the desired protection level, the weight of the armour for a whole cabin can be as low as 110 kg (NATO Ball).

Mine and Blast Protection

The combination of Scanfibers Scantex ballistic blankets and the Scanshock blast protection system provides optimal protection of the soft skinned vehicle.

The Scantex system stops the fragments and at the same time the Scanshock system reduces the blast effect, providing a dual sided protection of the crew.