



SCANFIBER COMPOSITES A/S



Scanguard G Panels

For the protection inside buildings and containers

Scanguard G is a ballistic panel based on fibreglass designed to offer protection against shrapnel and hand guns in buildings and containers, where other features but a minimum weight are important. Typical applications are protection of sensitive areas in ministries, embassies or container based HQs in post conflict areas.

- Dimension 120 x 240 cm like standard interior panels
- Can be mounted like gypsum boards with screws onto a framework
- Due to the use of fibre glass it is easy to make amendments to the panels
- Light and relatively inexpensive

With Scanguard G Panels, complete bullet proof office walls can be erected that has the same look and build in measure as an ordinary interior wall. If discretion is requested Scanguard G Panels can be adapted to fit inside doors or walls.

Live blast test

Scanguard G Panels have been tested in various blast tests. Below pictures show a test with a simulated suicide bomb consisting of 5 kg of explosives and a package of fragments made up by 5 kg bolts, nuts and nails (left photo). The attack distance is 5 meters.

The attack side of the panel (middle photo) is heavily ruptured by fragments, but on the back side of the panel (right photo) it is evident that almost no fragments were able to penetrate.



Scanguard Modular shields

Based on Scanguard G Panels Scanfiber has developed a modular system for the fast erecting of a protected area, for instance a mobile police command post.

The system consists of panels in different sizes which are connected and held together by narrow ballistic panels.

With the necessary support whole bullet proof walls can be erected in a few minutes.



Technical Specifications:

Ballistic level:

V₅₀ up to 600 m/sec for 1,1 g FSP tested according to NATO STANAG 2920 against fragments and according to EN 1522 against projectile threats.