



SCANFIBER COMPOSITES A/S



Naval Applications

Scanfiber Composites A/S

Scanfiber Composites A/S is a company with many years of experience in ballistic protection. Scanfiber develops and manufactures light weight armour solutions based on sophisticated fibre composition. Our comprehensive competence and experience place us among the leaders in the ballistic armour business worldwide. With state-of-the-art production equipment and a large stock of raw materials, Scanfiber offers flexibility and the ability of very quick changeovers and thus solving urgent tasks for fast deliveries.

Scanfiber stands for superior security and our products save lives.

Naval Armouring

At sea it is more difficult to hide from an enemy than on dry land, and therefore ships in conflict or post conflict areas, have to be secured with ballistic protection in order to withstand an attack and save the lives of the operators.

Armouring of vessels and fast patrol boats with light weight materials are increasingly being preferred. Modern ships and small patrol boats have to be fast and have to carry large amounts of equipment. Especially during the upgrade of existing vessels new equipment is often installed onto the ship that was not initially designed to carry at the first place. This can bring the total weight of the ship beyond what it was originally designed for. But with Scanfiber's light weight protection solutions it is possible to upgrade ships to high level of protection by installing only a minimum of extra weight and thereby maintain the load-carrying capacity, operational radius etc.

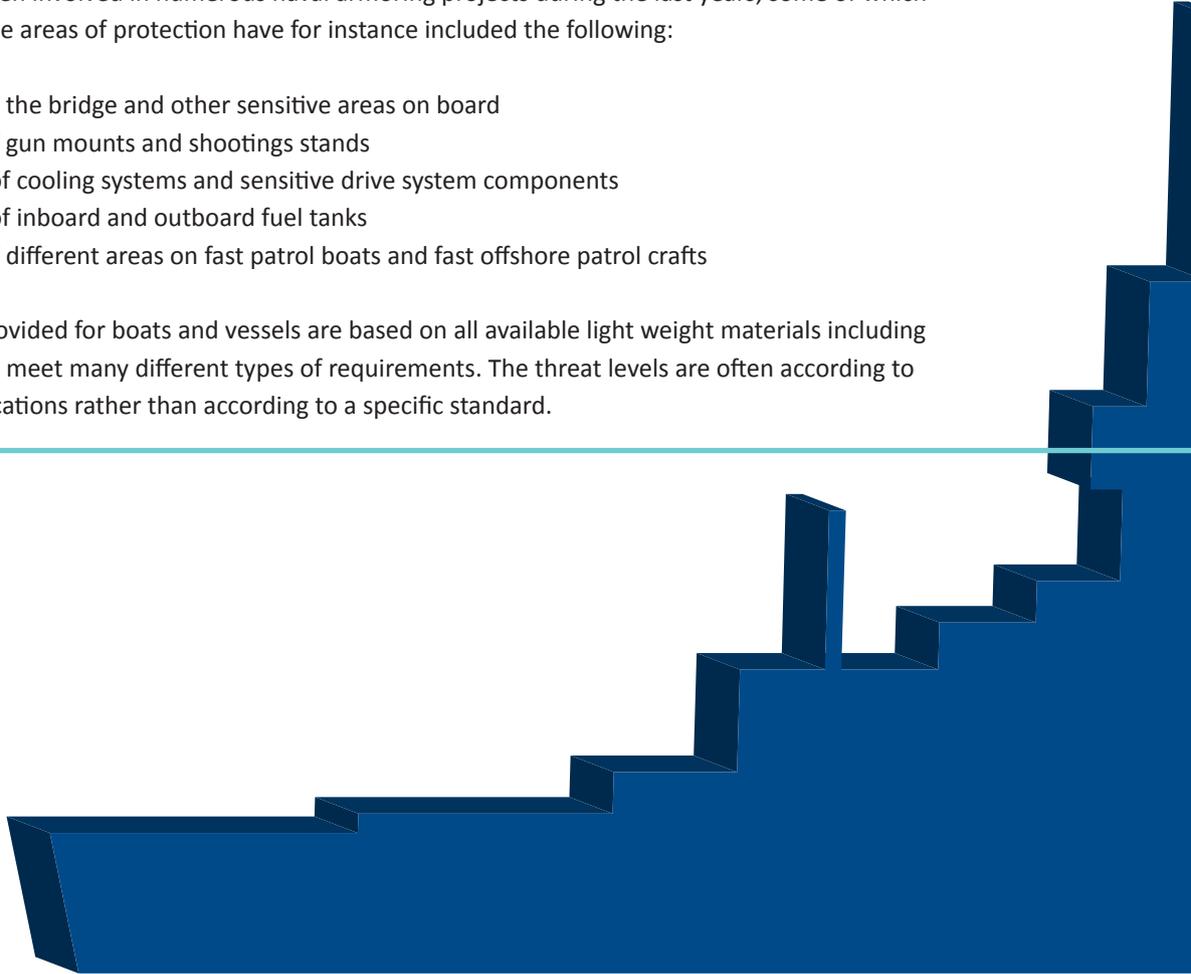


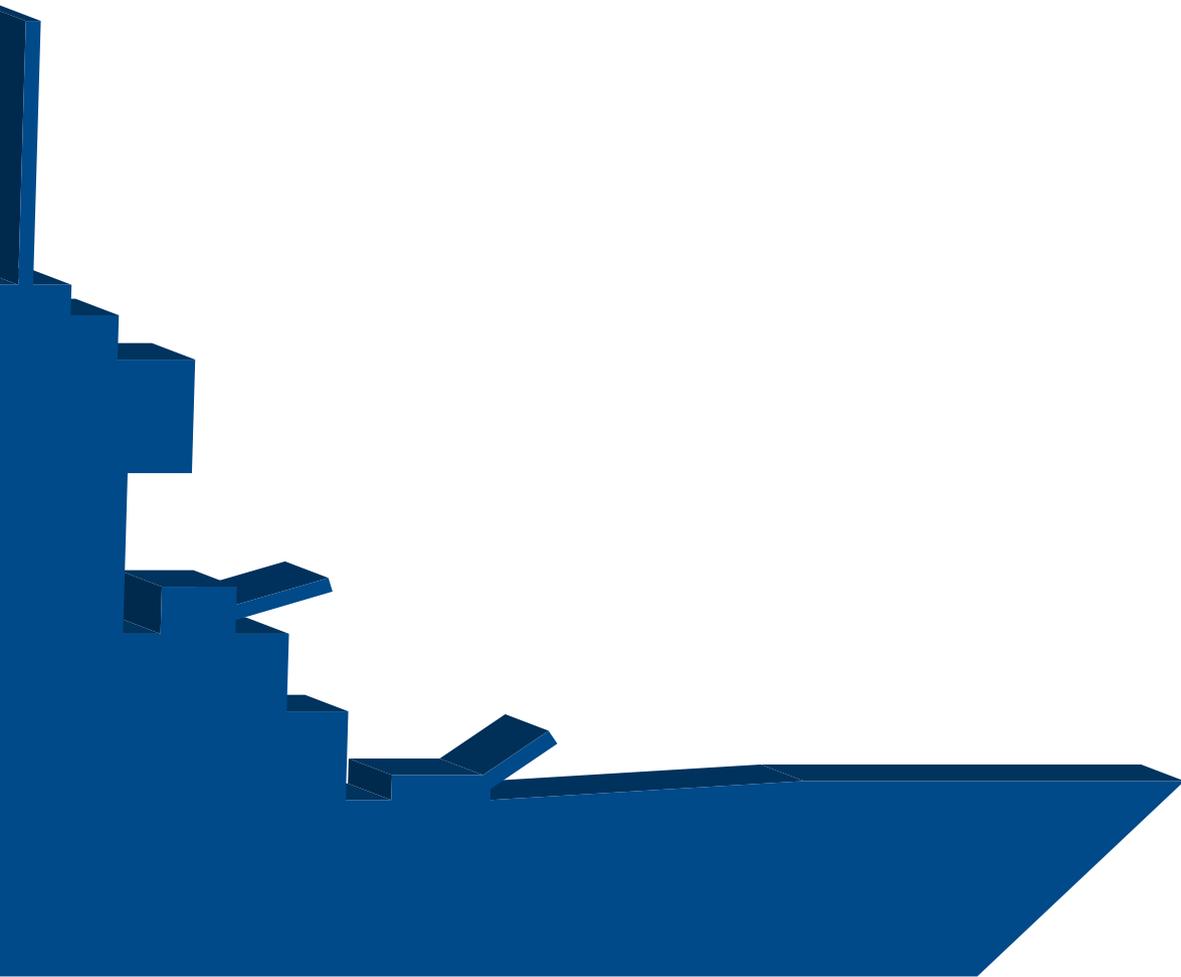
Sea Applications

Scanfiber has been involved in numerous naval armoring projects during the last years, some of which are classified. The areas of protection have for instance included the following:

- Armoring of the bridge and other sensitive areas on board
- Armoring of gun mounts and shootings stands
- Protection of cooling systems and sensitive drive system components
- Protection of inboard and outboard fuel tanks
- Armoring of different areas on fast patrol boats and fast offshore patrol crafts

The solutions provided for boats and vessels are based on all available light weight materials including steel, in order to meet many different types of requirements. The threat levels are often according to end user specifications rather than according to a specific standard.





Our Brands

Scantex has developed a number of brands based on the different materials the products are made of. The brands indicate the ballistic protection level and is therefore divided into the flexible lightweight solutions or the more massive solutions.

Scanguard™

Customised protective solutions based on solid and rigid materials are branded with the name Scanguard. Examples are:

- Scanguard add-on-armour for armoured vehicles made with a strike face of high grade ceramics or armoured steel
- Scanguard panels for protection of buildings against explosion effects.

Scanshock™

Scantex has developed a flexible protection system based on a flexible Scantex layer with a shock absorbing and damping material that enhance the survivability of vehicle crew members if subjected to a shock wave from e.g. an improvised explosive device. The protective system is branded Scanshock. Examples are:

- Scanshock floor protection for infantry fighting vehicles

Scantex™

Customised protective solutions based on flexible soft materials such as aramide or fibre glass fabrics are branded with Scantex. Examples are:

- Scantex bomb blankets made with aramide fabrics
- Scantex enhanced spall liners used for effective cone reduction in the case of an over match threat.

Scanblast™

Scantex has developed a protection system that protects against kinetic energy and blast threats from explosions. The system can be used to create a stand-alone protective wall or integrated in buildings for enhanced protection against bomb attacks.

Gallery





SCANFIBER COMPOSITES A/S • Niels Bohrs Vej 11 • DK-9870 Sindal • Phone: +45 98 93 44 33 • www.scanfiber.dk