

MARKETWATCH

Product spotlights

Solar Glass

Solar Glass by Brombach + Gess is a sustainable energy solution for cruise ships and ferries. The photovoltaic glass generates energy through a thin and translucent solar film, laminated between two panes of glass. The technique ensures complete freedom of design, enabling it to be tailored for use for windows, roofs, balconies, railings and other applications.

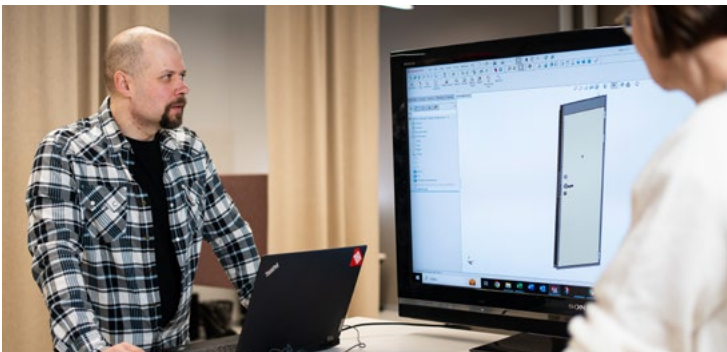
Solar glazing generates up to 26 watts of electricity per square metre. On cruise ships with up to 3,000 square metres of glass surface, for example, this energy yield makes a significant contribution to self-sufficient electricity production.



Antti Marine doors

Antti Marine produces a range of doors for marine vessels. These doors can often be heavy due to fire safety standards, sound reduction and durability requirements. However, the company has now successfully reduced their weight.

“We have introduced new technical solutions with insulation materials,” said Markko Takkinen, commercial director of Antti Marine. “The thickness of the insulation material has been further developed, and the steel thickness of the doors has been optimised. Additionally, we have made advancements in processing efficiency by implementing changes to the door structure and the entire design system. These innovations have resulted in up to 15 per cent weight savings in Antti B-class fire doors.”



NIOCOM-Pumps

NIOCOM-Pumps are made of glass fibre reinforced vinylester resin (GRV), which are ideal for seawater as they are resistant to corrosion and therefore do not release particles or substances into the environment.

NIOCOM-Pumps offer an alternative to metallic pump for all corrosive and seawater applications and offer a balance between chemical resistance, mechanical strength, lightweight and good quality-price ratio. They are available in three types and settable in many different configurations, allowing them to be tailored to suit and fit any system.

Floor adhesives



F. Ball and Co's range of marine flooring adhesives and preparation products is Marine Equipment Directive certified and tested in accordance with International Maritime Organization (IMO) standards. It carries both the IMO wheelmark and UK Red Ensign conformity mark, which guarantees the appearance and safety of installations throughout the lifetime of floor coverings.

The marine range has been specially designed for flooring that will be subject to conditions typically found in marine and offshore environments, such as surface water and extreme temperatures.