

VETROTECH
FIRE RESISTANCE



Saint-Gobain
Glass Solutions



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GLASS AND SAFETY IN WHEEL HOUSES

SAINT-GOBAIN GLASS PROTECT

Just how safe can you make a ship?



ClearView
TOTAL SAFETY FOR WHEEL HOUSES



Good visibility at sea isn't a luxury, it's an absolute necessity. Although it's impossible to imagine working without radar and GPS any more, often you don't have the means to simply see where you are. People at sea are at the mercy of the elements. That's why safety is a top priority in the cruise and ferry industry, merchant shipping, off-shore, naval vessels and on pleasure boats alike. By providing an extra edge to help avoid collision, coupled with safety in the event of fire, our products can help give passengers and crew valuable extra time to reach safety. Now there's an exciting addition to our range: super transparency!

Our newest glass is called ClearView, and is based on SGG PYROSWISS® EXTRA. It's fire resistant of course, but most of all it's crystal clear, and specially developed for use in wheel houses. Here it gives an alert crew a steady view of the surroundings. ClearView means: see and be seen better. The result is a feeling of security for everyone in the wheel house. Even, if there's little to see.

On 1 March 2005, DNV introduced fire integrity requirements for windows in vessels with "Fire Fighter 1" notation. That means that the vessel has been built for early-stage fire fighting and rescue operations close to the structure on fire. This also concerns supply vessels for the offshore industry. That means that the wheel house windows class should be A0, and the superstructure windows class A60.

Technical specifications

SGG PYROSWISS® ClearView has the following properties:

- Meets class A0 - tested up to 2024 mm x 1524 mm (Bodycote Warrington)
- Optical test protocol under the supervision of Det Norske Veritas
- Extremely strong clear tempered monolithic glass (ISO 614)
- UV and temperature-resistant specially laminated glass
- Optimum fire-resistance with just 16-mm thickness
- Can be combined with our other weight savings products:
 - SGG STADIP® MARINE
 - SGG THERMOVIT® heated glass




SAINT-GOBAIN
MARINE APPLICATIONS

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