

Brombach + Gess - Your Specialist for:

- Glued Glass Facade
- Glass Sliding Door / Sliding Balcony Door
- Sliding Window
- Glass Sliding Roof
- Windscreen, Railings, Balustrades
- Skylights
- Glass Assortment
- Loggia-Cabin Window System
- Interior
- **SOLARmare** - PV Glazing
- PYRAMare - Fire-Resistant Glazing
- DUROMare - Safe & Light



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marine glazing Brombach + Gess GmbH & Co. KG

SOLARmare

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R1.4

Sustainability

Efficiency

Flexibility



marine glazing - Ideas in Glass®



Transparency > Wp / Sqm



low transparency > 40 Wp/Sqm



med. transparency > 34 Wp/Sqm



high transparency > 28 Wp/Sqm

Product Description

A thin solar film is laminated between two panes of glass. Thanks to a flexible printing process, the size and design of the glass and the film can be individually customized. This allows almost limitless design freedom - from colored and curved glass to varying shades of solar film.

Depending on the requirements, the focus can either be on maximum transparency or on energy generation.

Examples of Applications:

- Glassfacades
- Windows
- Roofs
- Balconies
- Balustrades
- Railing

Concept

With a transparency of 70 %, solar glazing achieves a peak output of around 26 watts per square meter. On cruise ships, for example, with up to 3000 square meters of glass surface, this energy yield makes a significant contribution to self-sufficient electricity production.

This glazing is definitely an alternative in the refit sector when it comes to retrofitting ships sustainably and energy-efficiently.

Benefits:

- User friendly design
- Easily integrated
- Maximum transparency of solar glass
- Sustainable energy generation from glass surfaces

