

Gebo Marine Windows

Gebo has over 40 years' experience in the design and manufacture of ships' windows

Today, there are tens of thousands of commercial and pleasure craft around the world with Gebo windows, doors and screens installed to their owner's complete satisfaction.



STRONGER BY DESIGN

Gebo ships' window products are built like no others - they're actually a good deal stronger thanks to

a special manufacturing process that seals out water and eliminates potential weak spots in the structure.

To prove the point we subject our products to the toughest possible testing procedures, guaranteeing a lifespan certainly as long as that of the craft in which they are installed.

PRACTICAL ADVICE AND SUPPORT AT EVERY STAGE

Our many years of marine glazing experience coupled with our constant development of methods and materials means that we are uniquely qualified to provide the marine industry with full technical support.



QUALITY INSTALLATIONS MADE EASY

All of our ships' windows products are custom-made entirely in our own factory from the finest quality seawater-resistant materials. They can be supplied with a choice of three fitting systems, including the unique Gebo labour-saving clamp system.

MORE OPTIONS TO CHOOSE FROM

All windows can be fitted with tinted glass (available in a standard choice of Smoke Grey, Bronze, Blue or Green) for better sun protection and privacy.

Frames can be anodised or powder coated in almost any

RAL colour. Sliding, half-drop or hinged windows are available for applications where ventilation is called for.





Gebo Marine Windows

The unique Gebo hard soldering process means a stronger waterproof installation. All joints in a Gebo window, door or screen are hard soldered for maximum strength and watertightness.



The following pages will inform you about our Gebo marine windows:

- **Gebo Thermic Line, pages 28 and 29.**
- **Gebo Light Line, pages 30 and 31.**
- **Gebo Clamp system, page 32.**
- **Gebo Concealed and visibly screw system, pages 33 and 34.**
- **Gebo Entrance Doors, page 35.**
- **Gebo Sliding doors, page 36.**

Marine Windows: Gebo Thermic Line®

The ultimate solution for condensation problems

NO MORE CONDENSATION

Every boat owner is familiar with the problem of condensation on windows and the consequences of this. On older ships, condensation often leads to mouldy and black wood.

Also on modern ships, even when they are provided with insulating glass, one can not prevent condensation. Because, even when the glass itself will not quickly condensate, the aluminium frame will still cause considerable moisture, especially at low temperatures.

ISO 12216

The Gebo Thermic Line® ships' windows are manufactured under strict quality standards (ISO 12216) in our own factory in the Netherlands. The window connections for example are not glued but soldered. All windows are made to measure and are carefully tested before delivery.

FREE COLOUR CHOICE

Because the inner and outer frame are manufactured separately, they can have a different finish. The outer frame for example, can be anodised while the inner frame can be coated in a colour for a perfect interior finish. The windows can be fitted with tinted glass (available in a standard choice of Bronze, Green or Smoke Grey). The glass can be provided with a sun resistant coating.

PERFECT ISOLATION

Gebo Thermic Line® is a revolutionary design that eliminates the thermal conductivity between inner and outer frame, resulting in the following advantages:

- a clear view
- no more condensation on the inner window frame
- excellent thermal insulation of the cabin in both winter and summer
- a good-looking yet robust aluminium windowframe



INSTALLATION MADE EASY

Thanks to the successful Gebo Clamp System, mounting of Gebo Thermic Line® windows is easy, fast and secure. No drilling is necessary yet watertightness is guaranteed.



Marine Windows: Gebo Thermic Line®

FIXED WINDOWS



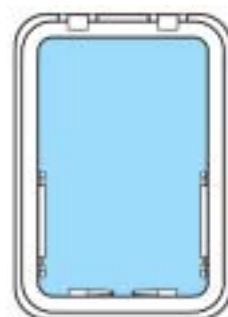
The glass is fitted in a sealant bedding between the outer and inner aluminium frames. The inner rim is fixed with M4 screws

to the outer frame. The fastenings in the internal rim are covered by a black rubber filler strip.

	nom.	max.
Radii	75mm	130mm
Wall thickness (W)	17mm	45mm

Glass package thickness: 6-9-5 of 8-6-6

HINGED WINDOWS



Thermic Line marine windows are manufactured in fixed and full hinged. The full hinged marine window is kept open by two (2)

gas spring stays and is closed and locked with handles.

	nom.	max.
Radii	75mm	130mm
Wall thickness (W)	17mm	45mm

Glass package thickness: 6-9-5 of 8-6-6

Digital template plan

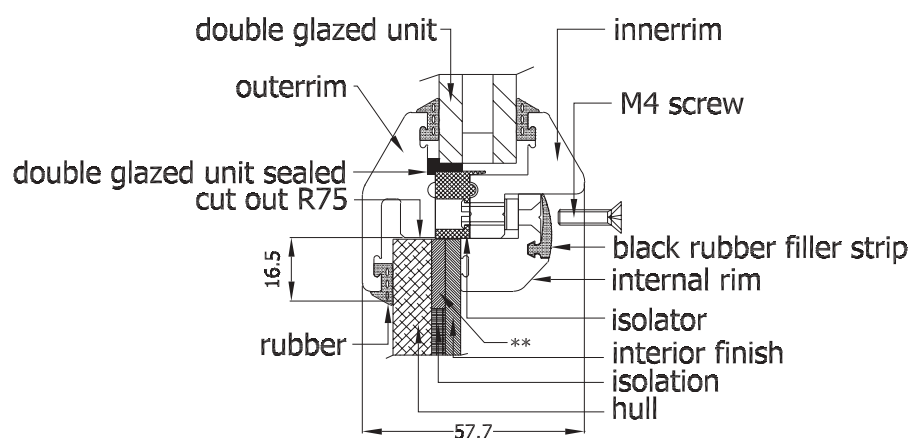
With the Thermic Line® marine windows you may simply send digital templates to:

pkoopmanschap@boomsma.com

in a DWG or DXF file. We are happy to send you in return a quote without obligation.

The digital template plan has to be provided with template numbers per window. Also see page 38 for an example of a digital template plan.

Profile Thermic Line system



** No isolation material should be near the internal rim otherwise the material will deform. This can cause problems with the sealing on the outside off the window.