

## **GL Yachtverglasung GmbH – unlimited solutions**

GL Yachtverglasung GmbH is your independent specialist for glass and windows of luxury yachts. No matter if you need a small touch up, a major refit or even the realization of a spectacular yacht design, you can count on the partnership of GLY around the clock, all over the world. The requirements for glass in modern yacht building are more and more complex and demanding. Beside aesthetic aspects, the improved technical possibilities of the new generation of glass products play a major role in this trend. As your partner for yacht glass, we cooperate independently with an extensive network of qualified and renowned glass fabricators. Thus, you have unlimited possibilities for the product selection and any application.

### **GLY provides development, design, engineering, installation, and service from one source**

An in-house design department takes care of an innovative implementation of every challenge and looks for feasible solutions. Highly qualified employees always work professionally with custom-made machines to provide precise installation.

As your specialists for high quality and technically advanced glazing for luxury yachts GLY provides development, design, engineering, installation, and service from one source. No matter if you need a small touch up, a major refit or even the realization of a spectacular yacht design. You can count on the partnership of GLY around the clock, all over the world.

## **We provide the right product for every challenge**

Whether it revolves around exceptional design, colored or reflective appearance, the reduction of solar and UV radiation or additional personal security by blast windows,

GL Yachtverglasung always has the right product. Their solutions are suitable for hull and superstructure windows as well as extensive glass floors and interior applications.

### **Our Allrounder: GLY-MarineCobond® - Available up to dimensions of 3.2 x 16m flat, curved, insulated**

Extreme forces prevail at sea. Nowhere else is a safety glass product exposed to such harsh conditions. That's why you only find one name at exposed locations on yachts:

GLY-MarineCobond®. A multi-layer laminated glass that has been specially designed for the marine sector. It resists wind and waves with unsurpassed stiffness and unparalleled sustainability elements. Its technical superiority was proven in extensive test programs. This glass product can be offered in compositions of up to 45% thinner than ordinary glazing due to its unique structure, resulting in a proportional reduction of weight.

Nonetheless, an equivalent strength level is being maintained. GLY-MarineCobond® allows the use of glass in areas of mega yachts that were previously unthinkable.

**For Protection: GLY-MarineCobondFR60®**

**Fire-resistant glazing (A60), available up to dimensions of 4 x 3 meters, IMO approved, frameless**

Our certified GLY-MarineCobondFR60® should be your first choice for fire protection glass. With the highest fire resistance class, class A60, GLY-MarineCobondFR60® not only protects against smoke and gases, but also against heat radiation.

GLY-MarineCobondFR60® enables maximum safety on board without neglecting aesthetics. In special design, glazing with thin layers and without visible mechanical fastenings or frames is also possible flush with the hull shell.

Accompanied by *Lloyd's Register*, our solution for fire-resistant glazing on ships has been certified in accordance with the *IMO 2010 FTP Code*.

**for Fastening: GLY-EdgeLock®**

**Invisible mechanical fastening for special applications**

GLY-EdgeLock® is a mechanical system of fastening panes into the ship's structure. The system is virtually invisible and for this reason, it is mainly used for glass surfaces that must be mechanically secured in addition to gluing following the requirements of the approving classification society while a visible frame would be undesirable for aesthetic reasons. Possible further uses are windows that are installed in the waterline or underwater windows. GLY-EdgeLock® is certified with a Type Approval by Lloyds Register.

## **The company – your experienced partner for working with glass**

GL Yachtverglasung GmbH is an in the fourth-generation owner-managed medium-sized company based in Halstenbek near Hamburg. Since 1909 it is working with the material glass in automotive technology and design. The installation teams are usually long-standing workers with high qualifications (EAB or EAS).

**Receive printable image material on request.**

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