



Glasroc® Marine

Non-combustible, water-repellent gypsum plasterboard for shipbuilding



CE
EN 15283-1

Product description

Glasroc® Marine is a laminated plasterboard construction panel for the construction of all types of exterior and interior enclosures, horizontal and vertical or decorative construction solutions, with waterproof and fireproof characteristics.

Application

It is used in dry construction systems for boats: partition walls, self-supporting or direct cladding, continuous ceilings, doors and decorative elements. Due to its versatility, it adapts to any type of use.

The special formulation of its gypsum core, resistant to humidity and mould.

Glasroc® Marine are coated on both sides with a glass fiber veil, gives it a special resistance to atmospheric agents.

Storage and conservation

Store the Glasroc® Marine on flat surfaces and never in the open, keeping them under cover, away from sunlight and rain. Stack a maximum of 6 pallets of boards.

Handling

When handling loads, the opening of the forklift forks must be at least 1/3 the length of the Glasroc® Marine, with the load centred on the forklift forks. Special attention is recommended for 3000 mm boards.

Technical specifications

| Characteristics | Value | Norm |
|--|----------------------------|--------------------|
| Board classification | GM-H1, I | EN 15283-1 |
| Board thickness | 12,5 ± 0,7 MM | EN 15283 – 4,7,3 |
| Type of longitudinal edge | Bevelled edge (BE) | |
| Type of transverse edge | Square edge (SE) | |
| weight | 9,7 kg/m ² | |
| Longitudinal bending strength | ≥ 537,5 N | EN 15283 – 5,6,3,2 |
| Transverse bending strength | ≥ 210 N | EN 15283 – 5,6,3,2 |
| Density | ≥ 700 Kg/m ³ | |
| Surface water absorption | 33,7 g/m ² /24h | ASTM E 96 |
| Water absorption | <5% weight | |
| Thermal conductivity (tabulated, dry) | 0,25 W/(m.K) | EN 10456 |
| Water vapour resistance factor (tabulated dry) | 10 | |
| Reaction to fire | A1 | |

| Length (+0 /-5 mm) | Width (+0 /-4 mm) | Packaging Boards/Pallet |
|-----------------------|----------------------|----------------------------|
| 2000 ¹ | 1200 ² | 50 |
| 2400 ¹ | 1200 ² | 50 |
| 2500 ¹ | 1200 ² | 50 |
| 3000 ¹ | 1200 ² | 40 |

¹ Length tolerance (mm): +0/-5

² Length width (mm): +0/-4



Dimensions express in mm

Indications for use and technical data about the product are presented in good faith and are based on accumulated experience and knowledge in typical usage situations. The conditions of application and use may influence the behavior of the product, so it is advisable to carry out checks and tests in each specific situation.

Despite the rigor we apply what we do, we cannot guarantee that the texts or images included in this Technical Data Sheet or in any other elements of Saint-Gobain documentation are free from involuntary errors.

Therefore, as a professional for whom our products and solutions are intended, we are very grateful to you:

a) To previously analyze all the documentation relating to any products you wish to purchase or solution you intend to adopt, as well as to ask us any questions or reservations that this documentation raises;

b) Indicate to us any errors you detect in this documentation; in particular (as a professional you will be able to understand them more easily) when they concern the technical and physical characteristics of our solutions or products and/or prices, quantities or any other proposed conditions.

To limit the effects of potential errors as much as possible, Saint-Gobain may:

a) Remedy and/or rectify them;

b) Inform recipients, buyers and/or interested in products or solutions whose documentation contained such errors of their existence and rectification;

c) Cancel the delivery of an order or a sale or award of a product or solution, even if previously accepted, when such order or sale is supported by information that included errors or resulted from them.

Saint-Gobain will not assume responsibilities arising from these errors if (by virtue of their nature or the context in which they occur) they were manifest to the recipient who is in good faith and/or who already knew or should have known about them.