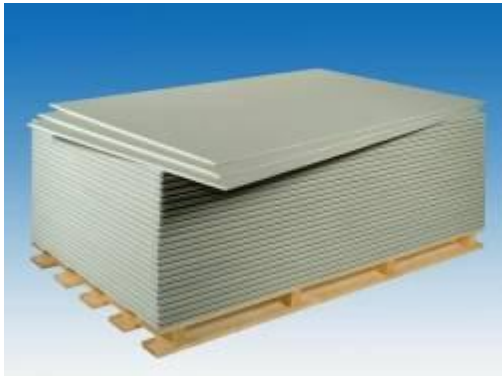


Rigidur H Marine 10



Characteristics:

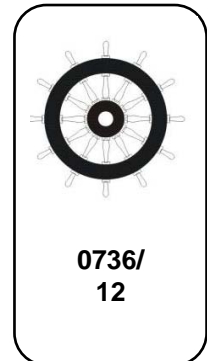
Rigidur H Marine contains gypsum, cellulosic fibres and mineral additives.

Application range:

An ideal material for dry interior construction for walls and ceilings on ship building. Perfectly suited for abuse-resistant walls. And also provides good fire protection

Installation:

According to Rigidur installation guide.



Technical Data

Product name	Rigidur H Marine 10
Classification according DIN EN 15283-2	GF-C1-I-W2
Reaction to fire rating according DIN EN 13501-1	A1
EG-Assesment (Module B)	Certificate-No. 107.088
U.S. Coast Guard No.	164.109/EC0736/107.088
Board thickness [mm]	10
Tolerance thickness [mm]	± 0,2
Density approx. [kg/m ³]	1.200
Board weight approx. [kg/m ²]	11,5
Tolerance length [mm]	-1 / +0
Tolerance width [mm]	-1 / +0
Tolerance diagonal [mm]	2
Flexural strength [N/mm ²]	5,5
Modulus of elasticity [N/mm ²]	3.600
Surface hardness according Brinell [N/mm ²]	35
Dilatation due to changing of relative humidity by 30% (20°C) [%]	≤ 0,045
Thermal conductivity λ according DIN EN 12667 [W/(mK)]	0,202
Thermal dilatation [mm/(mK)]	0,015
Stable moisture content at 20°C, 65% relative humidity approx. [%]	1
Water vapour permeability μ	19
Diffusion equivalent air layer thickness S _d [m]	0,19
Surface water absorption after 30 min. [g/m ²]	≤ 1.500
Thickness dilatation after 24 hours immersion in water [%]	< 2
Crystalline bonded water [%]	≥ 15

The information in this publication is based on our current technical knowledge and experience. Due to the wide range of factors that may affect the processing and use of our products, it does not absolve users from responsibility for performing their own inspections and tests, and serves only as a general guideline. No legally binding guarantee of specific properties or suitability for a concrete purpose may be inferred. Users shall be responsible for ensuring that any trademarks and existing laws and provisions are observed at all times. We reserve the right to make changes in the interests of technical progress.