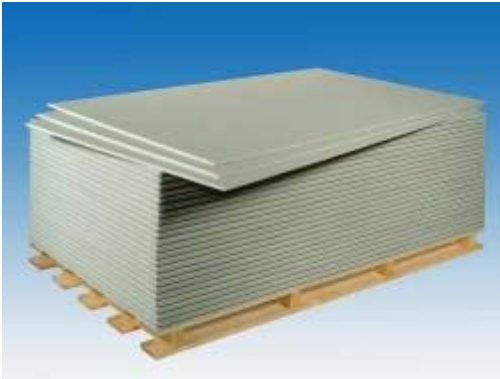


Rigidur Marine



Characteristics:

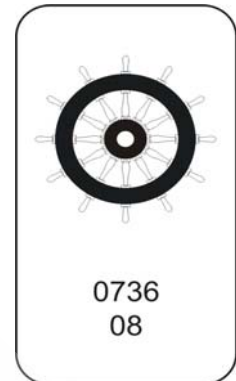
Rigidur Marine contains gypsum, cellulosic fibres and mineral additives.

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 Marine	
Certificate	Incombustible according IMO FTPC part 1	
EG-Assessment (Module B)	Certificate-No. 107.070	
U.S. Coast Guard-No.	164.109/EC0736/107.070	
Board thickness [mm]	10	12,5
Tolerance thickness [mm]	± 0,2	
Density approx. [kg/m ³]	990	
Board weight approx. [kg/m ²]	10	12,5
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]	3600	
Surface hardness according Brinell [N/mm ²]	35	
Dilatation due to changing of relative humidity by 30% (20 °C) [%]	0,025	
Thermal conductivity λ according DIN 52612 [W/(mK)]	0,2	
Thermal dilatation [mm/(mK)]	0,015	
Stable moisture content at 20°C, 65% relative humidity approx. [%]	1	
Water vapour permeability μ according DIN 52615	20	
Diffusion equivalent air layer thickness S _d [m]	0,20	0,25
Surface water absorption after 30 min. [g/m ²]	≤ 1500	
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. In view of the many factors that may affect processing and application of our products, these data do not relieve the users of our products from the responsibility of carrying out their own inspections and tests, as they only represent general guidelines. They neither do imply any legally binding assurance of certain properties or of suitability for a particular application. It is the responsibility of those to whom we supply our products to ensure that any proprietary rights and existing laws and regulations are observed. We reserve the right to modifications in the interests of technical advancement without prior notice.