

Product data sheet

Rigips Glasroc F 6



Product description: Non-combustible glass-reinforced gypsum board acc. to DIN EN 15283-1, type GMFH1.

Area of application: suitable for constructing of curved partition and ceilings, giving high levels of fire and impact protection.

								
Hydrophobiert	Trocken biegsam	Anwendung Feuchtraum	Anwendung Innenraum	Baustoffklasse	Gewicht	Plattendicke	Kanten	Wetterfeste Lagerung

Technical specifications

Parameters	Sign	Value	Unit	Certification
Material				
Type of material		Gypsum board fle- ece-reinforced		
Type				
Type		GM-FH1		EN 15283-1
Building material class				
Fire behaviour		A1		EN 13501-1
Edges				
Longitudinal edge		SK		
Transverse edge		SK		
Dimensions				
Thickness	t	6	mm	EN 15283-1
Width	w	1200	mm	EN 15283-1
Length	l	2400	mm	EN 15283-1
Tolerances				
Thickness		+0.7/-0.4	mm	EN 15283-1
Width		+0/-3	mm	EN 15283-1

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.

Parameters	Sign	Value	Unit	Certification
Length		+0/-3	mm	EN 15283-1
Perpendicularity: deviation per meter of width		≤ 2.5	mm/m	EN 15283-1

Nominal Weight

Surface-related mass	≥	6.0	kg/m ²	EN 15283-1
Bulk density	≥	1000	kg/m ³	EN 15283-1

Characteristic strength values

Bending breaking load - in parallel direction of the board	≥	101	N	EN 15283-1
Bending fracture load - in transverse direction of the board	≥	258	N	EN 15283-1

Heat

Thermal conductivity	λ_R	0.25	W/m.K	EN ISO 10456
Thermal conductivity	$\lambda_{10,dry}$	0.286	W/m.K	EN 12664
Limit load by heat (long-term exposure)		max. 50 (at short until 60)	°C	Gypsum data book

Humidity

(total) water absorption after 2 h storage under water		≤ 5	mass-%	Gypsum data book
Water vapour diffusion resistance factor	μ_{wet}	4		EN ISO 10456
Water vapour diffusion resistance factor	μ_{dry}	10		EN ISO 10456

Bending radii

dry / concave	≥	600	mm	
dry / convex	≥	1000	mm	

Notes

Storage		Dry Flat and level Shady Air access		
Shelf Life		Unlimited		
Form of delivery		According to Pricelist		
Wast key		170802		

The values listed in this product data sheet only reflect the performance characteristics of the products. In addition, gypsum plaster systems have structural and structural properties, which can be found in our system documentation (e. g. Planen und Bauen).