

Product data sheet

Rigips Glasroc F (Riflex) 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 fleece-reinforced		
Typesetting				
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	6.0	mm	EN 15283-1
Width	w	1200	mm	EN 15283-1
Length	l	2400	mm	EN 15283-1

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Parameters	Sign	Value	Unit	Certification
Tolerances				
Thickness		+0.7/-0.4	mm	EN 15283-1
Width		+0/-3	mm	EN 15283-1
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
Arc resistance approved	class	LV 1.1.1.2		DIN VDE 0303-5
Heat				
Thermal conductivity	λ_R	0.25	W/(m·K)	EN ISO 10456
	$\lambda_{10,dry}$	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
	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		
Waste key number		17 08 02		

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).

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