

Product data sheet

Rigips Glasroc F (Ridurit) 20



- ✓ Fleece mat-reinforced gypsum board with 20% recycled gypsum
- ✓ Can be used variably and economically for different applications
- ✓ Resistant to moisture
- ✓ Non-combustible (building material class A1)
- ✓ Easy installation thanks to stable edge fixing

Product description: Rigips Glasroc F (Ridurit) 20 is a gypsum board with mat reinforcement according to DIN EN 15238-1 of type GM FH2 with reduced water absorption capacity and improved structural core adhesion at high temperature.

Area of application: Rigips Glasroc F (Ridurit) 20 is used as a fire protection board for the installation of high quality and efficient fire protection constructions, e.g: frameless structural steel encasement and cladding, cable duct systems as well as shaft walls and fire protection ceilings.



Technical specifications

Parameters	Sign	Value	Unit	Certification
Material				
Type of material		Gypsum board fleece-reinforced		
Typesetting				
Type		GM-FH2		EN 15283-1
Building material class				
Fire behaviour		A1		EN 13501-1
Edges				
Longitudinal edge		VK		
Transverse edge		SK		
Dimensions				
Thickness	t	20.0	mm	EN 15283-1
Width	w	1250	mm	EN 15283-1 EN 15283-1
Length	l	2000	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.

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Parameters	Sign	Value	Unit	Certification
Tolerances				
Thickness		+/- 0.8	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	≥	18.8	kg/m ²	EN 15283-1
Bulk density	≥	940	kg/m ³	EN 15283-1
Characteristic strength values				
Bending breaking load - in parallel direction of the board	≥	336	N	EN 15283-1
Bending fracture load - in transverse direction of the board	≥	860	N	EN 15283-1
Arc resistance approved		LV 1.1.1.2		
Heat				
Thermal conductivity	λ_R	0.25	W/(m·K)	EN ISO 10456
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		≤ 10	mass-%	Gypsum data book
Water vapour diffusion resistance factor	μ_{wet}	4		EN ISO 10456
	μ_{dry}	10		EN ISO 10456
Colour				
Colour		white		
Notes				
Storage		Dry Air access Flat and level Shady		
Waste key number		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).

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