

Rigidur H 6,5



- smooth, hard and extremely robust: Ideal for all decorative topcoats



- made from natural ingredients
- Certified system solutions with Rigidur H: Durable and sustainable

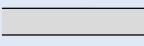
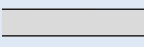


- No unnecessary loss of space due to only 6,5 mm board thickness



- Simply fix on existing uneven substrates, without any complex substructure
- Easy to transport thanks to "car trunk size"

Characteristics	The Gypsum Fibreboard Rigidur H 6,5 contains gypsum, paper fibres and mineral additives.
Application	An ideal material for rigid drywall construction with excellent properties in sound absorption and fire resistance.
Installation	According to Rigidur installation guide

Technical data						
Type	GF-C1-I-W2				as per DIN EN 15283-2	
	non-combustible European Classification: A2-s1, d0				as per DIN EN 13501-1	
Edges	Longitudinal edges			SK		
	Transverse edges			SK		
Dimensions	Board thickness	6.5		[mm]		
	Width x Lengths	800 x 1200		[mm]		
	Dimensional tolerances	Thickness		±0.2	[mm]	as per DIN EN 15283-2
		Width		+0/-2	[mm]	
Length			+0/-2	[mm]		
Squareness: deviation per m width			≤ 2.0	[mm/m]		

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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Plasterboard marking	On rear side				
	The marking in longitudinal direction in black contains: - Rigips Sanierboard 6,5 - CE-marking - EN 15283-2 GF-C1-I-W2 - non-combustible A2-s1, d0 - Production date and/or shift number				
Weight	Weight per unit area	ca. 7.8	[kg/m ²]	as per DIN EN 15283-2	
	Apperent density	ca. 1200	[kg/m ³]	as per DIN EN 15283-2	
Strengths	Flexural strength	≥ 5.5	[N/mm ²]	as per DIN EN 15283-2	
	Modulus of elasticity	3600	[N/mm ²]	as per DIN EN 15283-2	
	Surface hardness as per Brinell	35	[N/mm ²]	as per DIN EN ISO 6506-1	
Heat	Thermal conductivity λ_R $\lambda_{10,dry}$	0.350 0.202	[W/(m x K)]	as per DIN EN 12667	
	Thermal dilatation	0.015	[mm/(m x K)]	referring to DIN EN 318	
	Thermal threshold stress (long-term load)	max. 50	[°C]	short-term load 60°C	
Humidity	Water vapour permeability μ	19	[-]	as per DIN EN 12524	
	Water vapour diffusion-equivalent air layer thickness s_d	0.12	[m]	as per DIN EN ISO 12527	
	Surface water absorption	≤ 1500	[g/m ²]	after 30 minutes	as per DIN EN 15283-2
	Thickness dilatation after 24h immersion in water	≤ 2	[%]		referring to DIN EN 317
	Dilatation due to changing of relative humidity by 30% (20°C)	0.045	[%]		as per DIN EN 318
	Stable moisture content at 20°C, 65% relative humidity	1-1.3	[%]		as per DIN EN 322
Sign	The values given in this product data sheet solely describe the performance characteristics of the products. Rigips-Systems also have far-reaching structural-physical and static properties, which can be found in our system documentation (e.g. Planen und Bauen).				

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