

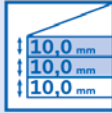
Rigidur Flooring Element 30 HF

- lamination with soft wood fibre board



Product description: Pre-primed gypsum fibreboards with rebate edges. Extremely hard and smooth surface with soft wood fibre lamination on the reverse.

Area of application: For the quick creation of dry floor screeds with fire and sound protection requirements, in new buildings and the renovation of old buildings.

							
Glatte Oberfläche	Erhöhte Oberflächenhärte	Trittschall-dämmung	Stufenfalz + Holzweichfaser	Elementdicke 30,0 mm	Schwer entflammbar	Wetterfeste Lagerung	Anwendung Innenraum

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Technical specifications

Parameters	Sign	Value	Unit	Certification
Material				
Type of material		gypsum fibre wood fiber		
Typesetting				
Type		Plasterboards from reprocessing		EN 14190
Building material class				
Fire behaviour		Bfl-s1		EN 13501-1
Edges				
Longitudinal edge		SFZ_HF		
Transverse edge		SFZ_HF		
Element joint		SFZ_HF		
Dimensions				
Thickness		30.0		
Structure		20 + 10		EN 13950
Width	w	500	mm	EN 14190
Length	l	1.500	mm	
Tolerances				
Thickness		±1,0	mm	EN 14190
Width		-2/+0	mm	
Length		-2/+0	mm	
Perpendicularity: deviation per meter of width		≤ 2,0	mm/m	
Nominal Weight				
Surface-related mass		26.1	kg/m²	DIN 18180
Characteristic strength values				
Payload (point load)		4.0	kN	according to EN 1991-1-1/NA:2010-12
Surface hardness - according to Brinell		35	N/mm²	EN ISO 6506-1
Heat				
Thermal conductivity	λ _R	0.35	W/(mK)	EN ISO 10456
thermal conductivity		0.05		
Thermal expansion		0.015		referring to EN 318
Limit load by heat (long-term exposure)		max. 50 (short term up to 60°C)	°C	Gypsum data book

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Parameters	Sign	Value	Unit	Certification
Humidity				
Equilibrium moisture at 20°C, 65% r.h. approx.		1-1.3	%	EN 322
Humidity - shrinkage by humidity change from 65% to 30%	ca.	0.38	mm/m	EN 318
Humidity - swelling by humidity change from 65% to 85%	ca.	0.12	mm/m	
Water vapour diffusion resistance factor	μ	19		EN ISO 12572
		5		

Notes

Storage		Dry Flat and level Shady Cool		
Shelf Life		Unlimited		
Form of delivery		According to Pricelist		
Waste key number		17 09 04		

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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