

Rigidur Flooring Element 45 MW

- lamination with mineral wool



Product description: Pre-primed gypsum fibreboards with rebate edges. Extremely hard and smooth surface with mineral wool 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 Ober-
flächenhärte



Elementdicke
45,0 mm



Trittschall-
dämmung



Nicht
brennbar



Stufenfalz +
Mineralwolle



Hohe Wärme-
dämmung



Anwendung
Innenraum

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Technical specifications

Parameters	Sign	Value	Unit	Certification
Material				
Type of material		gypsum fibre mineral fibre		
Typesetting				
Type		Plasterboards from reprocessing		EN 14190
Building material class				
Fire behaviour		A2-s1, d0		EN 13501-1
Edges				
Longitudinal edge		SFZ_MW		
Transverse edge		SFZ_MW		
Element joint		SFZ_MW		
Dimensions				
Thickness		45.0		EN 13950
Structure		25 + 20		
Width	w	500	mm	
Length	l	1.500	mm	EN 14190
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		33.3	kg/m²	DIN 18180
Characteristic strength values				
Payload (point load)		2.0	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		0.04		
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
		1		

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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