

# Rigidur Flooring Element 35 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



Trittschalldämmung



Stufenfalz + Holzweichfaser



Elementdicke 35,0 mm



Schwer entflammbar



Wetterfeste Lagerung



Anwendung Innenraum

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.

## Technical specifications

Parameters	Sign	Value	Unit	Certification
<b>Material</b>				
Type of material		gypsum fibre wood fiber		
<b>Typesetting</b>				
Type		Plasterboards from reprocessing		EN 14190
<b>Building material class</b>				
Fire behaviour		Bfl-s1		EN 13501-1
<b>Edges</b>				
Longitudinal edge		SFZ_HF		
Transverse edge		SFZ_HF		
Element joint		SFZ_HF		
<b>Dimensions</b>				
Thickness		35.0		
Structure		25 + 10		EN 13950
Width	w	500	mm	EN 14190
Length	l	1.500	mm	
<b>Tolerances</b>				
Thickness		±1,0	mm	EN 14190
Width		-2/+0	mm	
Length		-2/+0	mm	
Perpendicularity: deviation per meter of width		≤ 2,0	mm/m	
<b>Nominal Weight</b>				
Surface-related mass		32.1	kg/m <sup>2</sup>	DIN 18180
<b>Characteristic strength values</b>				
Payload (point load)		4.0	kN	according to EN 1991-1-1/NA:2010-12
Surface hardness - according to Brinell		35	N/mm <sup>2</sup>	EN ISO 6506-1
<b>Heat</b>				
thermal conductivity		0.11		
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
<b>Humidity</b>				
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**

<b>Storage</b>		Dry Flat and level Shady Cool		
<b>Shelf Life</b>		Unlimited		
<b>Form of delivery</b>		According to Pricelist		
<b>Waste key number</b>		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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