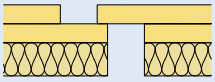
Rigidur flooring element 30 MW

- can be fittet with all common floor coverings
- can be used in residential rooms with moisture levels
- ecological certified and recommended
- easy and quick to prepare and lay
- no moisture means no need for drying time
- a complete system for a safe installation
- the lowest height in comparison with other types of screed
- proven system with regard to sound- and heat insulation
- low weight makes them well-suited on ceilings with low load-bearing capacities

Characteristics	The Rigidur Flooring Element consists of two factory-joined fibreboards with step rabbet and a laminated mineral fibre soundinsulation-board. Rigidur Flooring Elements are undercoat-varnished by factory.
Application	The Rigidur Flooring Element MW is universally applicable as dry screed for reconstruction and renovation purposes, in old and new buildings and for special fire protection needs in the office and administration area.
Installation	According to Rigidur installation guide.

Technical data

Type	fibreboards from reprocessing					as per DIN EN 14190
	non-combustible European Classification: A2-s1,d0					as per DIN EN 13501-1
Edge profile	Edges		step rabbet			
		to use in combination with Rigidur floor glue				
	Element joint	stepped joint of 50 mm				
Dimensions	Nominal thickness	30	[mm]			
		2 x 10 GF + 1 x 10 MW	[mm]			
	Width x Lengths	500 x 1500	[mm]	In case of cutting the elements please take care of the 2 fixing staples.		
	Dimensional tolerances	Thickness Width Length Squareness: deviation per m width		±1.0 -2/+0 -2/+0 ≤ 2.0	[mm] [mm] [mm] [mm/m]	referring to DIN EN 15283-2

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Plasterboard marking	On top side	The marking in longitudinal direction in black contains: - RIGIDUR EE 30 MW - CE-marking - DIN EN 14190 fire resistance as per DIN EN 13051-1 - A2,s1-d0 (C.3) - Production date and -time			
	Palette poster	Every pallet is signed by a palette poster with article-code. It contains: - Rigidur Estrichelement 30 MW - CE-marking - dimensions - weight - elements per palette - storage instructions			
Weight	Weight per unit area	ca. 25.7	[kg/m^2]		referring to DIN EN 15283-2
Strengths	Surface hardness	35	[N/mm^2]		as per DIN EN ISO 6506-1
	Point load	≤2.0	[kN]		referring to DIN EN 1991-1-1/NA:2010-12
Heat	Thermal dilatation	0.015	[mm/(m x K)]		referring to DIN EN 318
	Heat transfer resistance R	0.307	[(m² x K)/W]		as per DIN EN 12667
	Thermal threshold stress (long-term load)	max. 50	[°C]	short-term load 60°C	
Humidity	Vapour diffusion resistance factor µ	GF:19 MW: 1-2	[–]		as per DIN EN ISO 12572
	Dilatation due to changing of relative humidity by 30% (20°C)	0.045	[%]		referring to DIN EN 318
	Stable moisture content at 20°C, 65% relative humidity approx.	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).				