

Product data sheet

Rigips 1-Mann Aktionsverbundplatte 30, EPS 040 WI



Product description: Polystyrene laminated plasterboard (thermal conductivity 0,040 W/mK).

Area of application: For internal thermal insulation of external walls.



Anwendung
Innenraum



Längskante



Querkante



Wetterfeste
Lagerung

Technical specifications

Parameters	Sign	Value	Unit	Certification
Material				
Type of material		gypsum plasterboard		
Typesetting				
Type		Typ P		EN 520
Building material class				
Fire behaviour		E		EN 13501-1
Edges				
Longitudinal edge		HRK		
Transverse edge		SK		
Dimensions				
Thickness	t	30	mm	EN 520
Width	w	600	mm	EN 520
Length	l	2600	mm	EN 520

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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Parameters	Sign	Value	Unit	Certification
Tolerances				
Thickness		±0.5	mm	EN 520
Width		+0/-4	mm	EN 520
Length		+0/-5	mm	EN 520
Perpendicularity: deviation per meter of width		≤2.5	mm/m	EN 520
Characteristic strength values				
Adhesion strength - of joint filler	≥	> 0.25	N/mm ²	EN 13963
Adhesive strength - of the insulation layer		≥ 0.017	Mpa	EN 13950
Heat				
Thermal conductivity	$\lambda_{R,Board}$	0.055	W/(m·K)	EN ISO 10456
Specific heat capacity c at 20°C	c	0.96	kJ/(kg.K)	Gypsum data book
Humidity				
Water vapour diffusion equivalent air layer thickness (wet)	$s_{d_{wet}}$	0.90	m	Calculated
Water vapour diffusion equivalent air layer thickness (dry)	$s_{d_{dry}}$	0.84	m	Calculated
Notes				
Storage		Dry Flat and level Shady Air access		
Shelf Life		Unlimited		
Form of delivery		According to Pricelist		
Wast key		170904		
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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