



Heraklith[®] BM

For timber frame construction and floor constructions



Product description

Mineral bound, chain form machine manufactured wood wool board with increased accuracy grade and decreased thickness tolerance. Elastic and has strength against compression and bending; it has a stiffened longitudinal edge which is safe against the impact of rodents and fungal decay, it is heat- and sound insulating, permeable, flame-resistant, ecologically recommended.

Areas of application

Element used for building walls and ceilings. It provides thermal- and sound-insulation and fire protection and serves as a plaster base in timber frame construction, top floor construction, interior work and beam ceilings. It is also used as room sided insulation of stud walls and to increase impact sound insulation in combination Heralan-TP, -TPE bzw. TPS.

Application abbreviation in accordance with DIN 4108-10:

DAD-dh, DI-dm, DEO-dm,
WAP-dh, WAB-dh, WH-dh, WI-dm, WTR

Processing

Please note the respective processing guidelines. In addition, the relevant standards and recognized technical rules apply.

Delivery programme

Thickness	mm	25	35	50
Weight	kg/m ²	13 (±10%)	16 (±10%)	23 (±10%)
Length	mm	1250 or 2000		1875 or 2000
Width	mm	600		

Technical specification

Properties	Symbol	Description/Data			Unit	Standard
Fire protection (CE)	—	Euroclass B-s1,d0			—	EN 13501-1
Declared value of thermal conductivity	λ	0,090			(W/mK)	EN 13168
Thickness	D	25	35	50	(mm)	
Declared value of thermal resistance	R	0,28	0,39	0,56	(m ² K/W)	Z-23.15-1563
Compression strength at 10% compression	$\bar{\sigma}_{10}$	≥ 200	≥ 200	≥ 150	(kPa)	EN 13168
Resistance to bending	$\bar{\sigma}_b$	1200	1000	1000	(kPa)	EN 12089
Thickness/broadness tolerance	Δ_d	±1 / ±3			(mm)	EN13168
Water vapour diffusion resistance factor	μ	2/5			—	EN 4108-4
Specific thermal capacity	C_o	2,1			(kJ/kgK)	Test

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