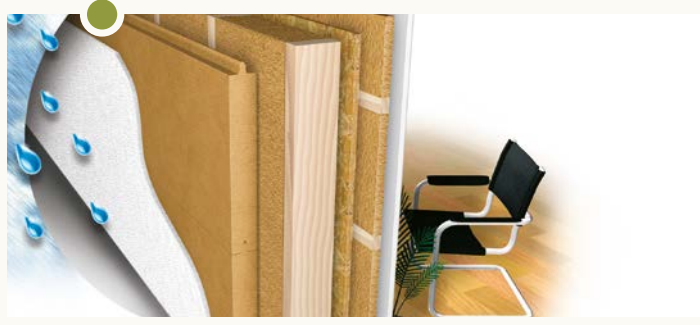




## APPLICATIONS

- Types of application in accordance with DIN 4108-10: WABds, WAPzh, WH, WlZg
- Plaster base board for composite thermal insulation systems (e.g. CTIS EnergiePlus comfort) in timber frame construction



The plaster base board is designed specifically for use in timber frame construction, in respect of format, rigidity and hydrophobic property. It may therefore be mounted directly on the wall studs, creating a perfect and stable substrate for plastering.



Thermal bridges are largely avoided. Thicknesses up to 160 mm assure outstanding thermal protection in a single work step.

### TECHNICAL DATA

Description	Wood fibre insulation board WF-EN13171-T5-TR20-CS(10/Y)100-WS1.0-MU3-AFr100
National technical approval (DIBt)	Z-23.15-1417 Plaster base board Z-33.47-905 CTIS EnergiePlus comfort
Complete declaration	Wood fibres, PMDI bonding 4 %, paraffin 1 %
Manufacturing process	Dry process
Specific heat capacity	2100 J/(kg·K)
Raw density (ca.)	185 kg/m <sup>3</sup>
Compressive stress at 10 % deformation	≥ 100 kPa
Tensile strength perpendicular to the plane of the board	≥ 20 kPa
Water vapour diffusion resistance factor $\mu$	3
Rated value of the thermal conductivity	up to 60 mm thick: $\lambda_b = 0,043$ W/(mK) [EU] $\lambda$ i.c.w. SIA 279 = 0,044 W/(mK) [CH] $\lambda = 0,046$ W/(mK) [DE] $\lambda_T = 0,047$ W/(mK) [AT]  up to 80 mm thick: $\lambda_b = 0,039$ W/(mK) [EU] $\lambda$ i.c.w. SIA 279 = 0,040 W/(mK) [CH] $\lambda = 0,042$ W/(mK) [DE] $\lambda_T = 0,043$ W/(mK) [AT]

### TECHNICAL DATA

Flow resistance per meter	≥ 100 kPa·s/m <sup>2</sup>
Short-term water absorption	≤ 1.0 kg/m <sup>2</sup>
Fire protection	Euro class in accordance with EN 13501-1: E
Disposal code in acc. with AVV	030105, 170201

### FORMATS

Form of supply	homogeneous boards	
Edge profile	tongue and groove	
Thicknesses [mm]	22*, 40, 60, 80, 100, 120, 140, 160	60, 80
Delivery and calculation dimension [mm]	1325 x 615	2625 x 1205
Coverage dimensions [mm]	1300 x 590	2600 x 1180

\* jamb panels are available as accessories.

ANY QUESTIONS? USE THE FOLLOWING ADDRESSES FOR EXPERT ADVICE:

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