



AGEPAN[®] THD install

The pressure-resistant installation level.

- + Direct screwing with a bolt load of 25 kg per screw – material and time savings
- + Electrical installation possible without additional effort – less working time, lower costs
- + High abrasion resistance – fewer fibers in the plaster, time and material savings
- + Extremely high strength due to asymmetrical raw density profile – less damage
- + Excellent cutting properties – fast and precise installation

AGEPAN® THD install

Technical Data

Property	Unit	Value
Standard		DIN EN 13171
Raw density ρ	kg/m ³	~ 230
Nominal thermal conductivity λ_D	W/mK	0,047
Rated thermal conductivity λ_B	W/mK	0,049
Water vapour diffusion resistance factor μ	–	3
Compressive stress/strength	kPa	≥ 200
Tensile strength perpendicular to the plane of the board	kPa	40 / 60 mm board thickness: ≥ 10 80 mm board thickness: ≥ 7,5
Short-term water absorption	kg/m ²	≤ 1
Specific thermal capacity	J/kgK	2100
Maximum application temperature	°C	110
Formaldehyde emission class		E1*, NAF (<0,03 ppm)
Fire behavior Euroclass according to DIN EN 13501-1		E
Board marking		40 / 60 mm board thickness: WF-EN 13171-T3-CS(10/Y)200-TR10-WS1,0-MU3; 80 mm board thickness: WF-EN 13171-T3-CS(10/Y)200-TR7,5-WS1,0-MU3
Disposal		Waste wood category A2; waste code numbers (AVV): 030105, 170202

* Meets the requirements according to the German Chemicals Prohibition Ordinance (E05)
NAF = No-Added Formaldehyde

Building physics parameters

Size	Unit	Board thickness (mm)		
		40	60	80
Nominal value thermal resistance R_D	m ² K/W	0,85	1,25	1,70
Thermal resistance R	m ² K/W	0,80	1,20	1,60
Water vapour diffusion equivalent air layer thickness s_d	m	0,12	0,18	0,24

Application areas Field of application according to DIN 4108-10-2021-11

Wall

	Insulation of timber frame, timber panel construction, and similar cavities	WH
	Interior wall insulation	WI
	Insulation of room partitions	WTR

Heat and cold protection

CO₂ storage

Healthy living

E05

Meets the requirements according to the German Chemicals Prohibition Ordinance

FF

Formaldehyde-free glued

Weather resistant

MADE IN GERMANY

Produced in Germany

Promoting Sustainable Forest Management

PEFC

PEFC/14-35-00013 www.pefc.co.uk

THIRD-PARTY VERIFIED

EPD

Institut Bauen und Umwelt e.V.

CE

Use products that are certified accordingly:
PEFC-certified products can be delivered on demand and within availabilities. Please specify when ordering.

Technical Datasheet, May 2025

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