



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	0,049
Rated thermal conductivity λ_B	W/mK	0,051
Water vapour diffusion resistance factor μ	–	3
Compressive stress/strength	kPa	40 / 60 mm board thickness: ≥ 250 80 mm board thickness: ≥ 200
Tensile strength perpendicular to the plane of the board	kPa	40 / 60 mm board thickness: ≥ 15 80 mm board thickness: ≥ 10
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-T4-CS(10/Y)250-TR15-WS1,0-MU3; 80 mm board thickness: WF-EN 13171-T4-CS(10/Y)200-TR10-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

Property	Unit	Board thickness (mm)		
		40	60	80
Nominal value thermal resistance R_D	m ² K/W	0,80	1,20	1,60
Thermal resistance R	m ² K/W	0,75	1,15	1,50
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



Meets the requirements according to the German Chemicals Prohibition Ordinance



Formaldehyde-free glued



Weather resistant



Produced in Germany



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



Your AGEPAN® partner

Technical Datasheet, April 2026

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