

Available  
as a **standard**  
version or with  
**pre-milled slots.**

A close-up photograph of a brown, fibrous insulation board. It features two parallel, pre-milled grooves running along its length. The board is shown at an angle, highlighting its thickness and the texture of the material.

# AGEPAN<sup>®</sup> THD install pro

The insulation board with pre-milled installation channels.

- + Pre-milled grooves allow for quick creation of cable ducts – saving time and reducing dirt
- + Direct screw fastening – saves material, time, and costs
- + Electrical installation possible without additional effort – less labor time, lower costs
- + High abrasion resistance – fewer fibers in the plaster, saving time and material
- + Extremely high strength due to asymmetric density profile – less damages

# AGEPAN® THD install pro

## Technical Data

Property	Unit	Value
Standard		EN 13171
Raw density $\rho$	kg/m <sup>3</sup>	~ 230
Nominal thermal conductivity $\lambda_D$	W/mK	0,047
Rated thermal conductivity $\lambda_B$	W/mK	0,049
Water vapour diffusion resistance factor $\mu$	–	3
Compressive stress/strength	kPa	≥ 200
Tensile strength perpendicular to the plane of the board	kPa	≥ 10
Short-term water absorption	kg/m <sup>2</sup>	≤ 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		WF-EN 13171-T3-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)
		60
Nominal value thermal resistance $R_D$	m <sup>2</sup> K/W	1,25
Thermal resistance $R$	m <sup>2</sup> K/W	1,20
Water vapour diffusion equivalent air layer thickness $s_d$	m	0,18

## 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



CO<sub>2</sub> storage



Healthy living



Meets the requirements according to the German Chemicals Prohibition Ordinance



Formaldehyde-free glued



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, May 2025

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