

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[®] 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 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	≥ 250
Tensile strength perpendicular to the plane of the board	kPa	≥ 15
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		WF-EN 13171-T4-CS(10/Y)250-TR15-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 ² K/W	1,20
Thermal resistance R	m ² K/W	1,15
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



CO₂ 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, April 2026

Product and company names in this data sheet are trade names or registered trademarks. Reproduction is only permitted with explicit permission from Sonae Arauco. Sonae Arauco assumes no liability for errors or inaccuracies. This data sheet reflects the technical status at the time of printing and applies together with additional documents from AGEPAN®. Processing instructions and building regulations must be observed. The material suitability must be checked for the intended use.



www.sonaearauco.com