

NEW TONGUE
AND GROOVE
PROFILE!

AGEPAN[®] THD cover H

The strong one among the light ones.

- + Can be used on both sides – significantly reduced waste, optimal use of material
- + Emergency roof function – flexibility in the construction process thanks to a temporary roofing function for up to 8 weeks
- + UDP-A sarking board – second water-draining layer, vapor-permeable, windproof, and rain-resistant
- + Very high strength in the cover layers – fewer damages during handling and installation
- + Excellent cutting properties – fast and precise installation

AGEPAN® THD cover H

Technical Data

Property	Unit	Value
Standard		DIN EN 13171
Raw density ρ	kg/m ³	~ 180
Nominal thermal conductivity λ_D	W/mK	0,043
Rated thermal conductivity λ_B	W/mK	0,045
Water vapour diffusion resistance factor μ		3
Compressive stress/strength	kPa	≥ 150
Tensile strength perpendicular to the plane of the board	kPa	≥ 10
Short-term water absorption	kg/m ²	≤ 1
Specific thermal capacity	J/kgK	2100
Maximum application temperature	°C	110
Formaldehyde emission class		NAF (<0,03 ppm)*
Fire behavior Euroclass according to DIN EN 13501-1		E
Outdoor exposure		up to 8 weeks
Board marking		WF-EN 13171-T4-WS1,0-CS(10/Y)150-TR10-MU3
Disposal		Waste wood category A2; waste code numbers (AVV): 030105, 170201

* Meets the requirements according to the German Chemicals Prohibition Ordinance (E05)

Building physics parameters

Property	Unit	Board thickness (mm)	
		60	80
Nominal value thermal resistance R_D	m ² K/W	1,35	1,85
Thermal resistance R	m ² K/W	1,30	1,70
Water vapour diffusion equivalent air layer thickness s_d	m	0,18	0,24

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

Roof / Ceiling



External insulation of roof or ceiling, protected from weathering, insulation beneath waterproofing layers

DAA-ds



External insulation of roof or ceiling, protected from weathering, insulation beneath roof coverings

DAD-ds

Wall



External wall insulation behind cladding

WAB-ds

Insulation of timber frame, timber panel construction, and similar cavities

WH



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, May 2026

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