



# AGEPAN® THD cover H

**The strong one among the light ones.**

- + 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
- + Abrasion resistant surface – less dust and cleaning effort, improved adhesion of adhesive tapes – saves time and eliminates the need for primer
- + 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 $\rho$	kg/m <sup>3</sup>	~ 180
Nominal thermal conductivity $\lambda_D$	W/mK	0,043
Rated thermal conductivity $\lambda_B$	W/mK	0,045
Water vapour diffusion resistance factor $\mu$		3
Compressive stress/strength	kPa	≥ 150
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		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 <sup>2</sup> K/W	1,35	1,85
Thermal resistance R	m <sup>2</sup> 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			Wall		
	External insulation of roof or ceiling, protected from weathering, insulation beneath waterproofing layers	DAA-ds		External wall insulation behind cladding	WAB-ds
	External insulation of roof or ceiling, protected from weathering, insulation beneath roof coverings	DAD-ds		Insulation of timber frame, timber panel construction, and similar cavities	WH



Heat and cold protection



CO<sub>2</sub> 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, August 2025

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