



# THD cover M

The robust underlay board.

- + Excellent protection against summer heat and winter cold
- + Quick and easy to install minimal waste, usable on both sides
- + UDP-A underlay board second water-draining layer, vapor-permeable, windproof, and rainproof
- + Emergency roof function weather-resistant for up to 4 weeks without additional covering
- + Natural product ecological, environmentally friendly and recyclable



# AGEPAN® THD cover M

### **Technical Data**

Property	Unit	Value
Standard		DIN EN 13171
Raw density p	kg/m³	~ 140
Nominal thermal conductivity $\lambda_{\text{D}}$	W/mK	0,040
Rated thermal conductivity $\lambda_{\text{B}}$	W/mK	0,042
Water vapour diffusion resistance factor µ		4
Compressive stress/strength	kPa	≥ 70
Tensile strength perpendicular to the plane of the board	kPa	≥ 7,5
Short-term water absorption	kg/m²	≤]
Flow resistance	kPa s/m²	≥ 60
Specific thermal capacity	J/kgK	2100
Maximum application temperature	°C	110
Formaldehyde emission class		El*
Fire behavior Euroclass according to DIN EN 13501-1		E
Outdoor exposure		up to 4 weeks
Board marking		WF-EN 13171-T4-WS1,0-DS(70,-)2-CS(10/Y)70-TR7,5-MU4-AF100
Disposal		Waste wood category A2; waste code numbers (AVV): 030105, 170201

<sup>\*</sup> Meets the requirements according to the German Chemicals Prohibition Ordinance (E05)

## **Building physics parameters**

Size	Unit	Board	Board thickness (mm)								
		60	80	100	120	140	160	180	200		
Nominal value thermal resistance R <sub>D</sub>	m²K/W	1,50	2,00	2,50	3,00	3,50	4,00	4,50	5,00		
Thermal resistance R	m²K/W	1,40	1,90	2,35	2,85	3,30	3,80	4,25	4,75		
Water vapour diffusion equivalent air layer thickness s <sub>d</sub>	m	0,24	0,32	0,40	0,48	0,56	0,64	0,72	0,80		

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



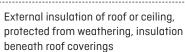
Roof / Ceiling

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

DAA-dh



External insulation of roof or ceiling,



DAD-dm





External wall insulation behind cladding

WAB-dm

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

WH

















Produced in









Your AGEPAN® partner

Chemicals

requirements according to the German Prohibition Ordinance

Formaldehyde-free glued

Use products that are certified accordingly: PEFC-certified products can be delivered on demand and within availabilities. Please specify when ordering. Technical Datasheet, May 2025

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