



# AGEPAN® UDP

**The solid sarking board.**

- + UDP-A underlay board – second water-repellent layer, vapour-permeable, windtight, and rainproof
- + Usable on both sides – minimal offcuts, fast and easy installation
- + Tub-shaped density profile – especially strong and durable
- + Versatile application – also suitable as interior-side insulation in floor areas or as a renderable reveal board
- + Temporary roofing function – can be exposed to weather for up to 8 weeks

# AGEPAN® UDP

## Technical Data




Property	Unit	Value
Standard		DIN EN 13171
Raw density $\rho$	kg/m <sup>3</sup>	~ 270
Nominal thermal conductivity $\lambda_D$	W/mK	0,051
Rated thermal conductivity $\lambda_B$	W/mK	0,054
Water vapour diffusion resistance factor $\mu$	–	5
Compressive stress/strength	kPa	≥ 250
Tensile strength perpendicular to the plane of the board	kPa	≥ 10
Short-term water absorption	kPa s/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
Outdoor exposure		up to 8 weeks
Board marking		WF-EN13171-T5-DS(70,90)I-CS(10/Y)250-TR10-WS1,0-MU5
Disposal		Waste wood category A2; waste code numbers (AVV): 030105, 170201

\* Meets the requirements according to the German Chemicals Prohibition Ordinance (E05)  
NAF = No-added formaldehyde

## Building physics parameters

Property	Unit	Board thickness (mm)		
		22	25	32
Nominal value thermal resistance $R_D$	m <sup>2</sup> K/W	0,40	0,45	0,60
Thermal resistance $R$	m <sup>2</sup> K/W	0,40	0,45	0,55
Water vapour diffusion equivalent air layer thickness $s_d$	m	0,20	0,30	0,40

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

Roof / Ceiling		Wall	
	External insulation of roof or ceiling, protected from weather exposure, insulation beneath coverings		External wall insulation behind cladding
	DAD-ds		WAB-ds
	Interior insulation of the ceiling or floor slab (top side), beneath screed, without sound insulation requirements		Insulation of timber frame construction, timber panel construction and comparable compartments
	DEO-ds		WH
			External wall insulation system with render finish
			WAP-zh

  
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 2025

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