



# AGEPAN<sup>®</sup> UDP inside

In easy-to-handle interior construction format.

- + Small format, low weight – easy handling in interior construction
- + Plasterable – coatings with mineral and clay plasters\*
- + Open to diffusion and moisture-regulating – pleasant living climate
- + Craftsman-friendly – easy processing with standard woodworking machines
- + Can be used on both sides – little waste, quick and easy processing

\* Only use approved and harmonised plaster systems, plaster structure according to manufacturer's instructions

# AGEPAN® UDP inside

## 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	kg/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
Board marking		WF-EN13171-T5-DS(70,90)1-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)
		25
Nominal value thermal resistance $R_D$	m <sup>2</sup> K/W	0,45
Thermal resistance R	m <sup>2</sup> K/W	0,45
Water vapour diffusion equivalent air layer thickness $s_d$	m	0,13

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

### Roof / Ceiling



Interior ceiling insulation (underside) or roof insulation installed beneath the rafters or structural framework, including solutions such as suspended ceilings



DI-zg

### Wall



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

Produced in Germany



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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