



AGEPAN® Flex

The flexible cavity insulation.

- + Excellent summer heat and winter cold protection – high insulation performance
- + Vapor permeable and moisture-regulating – for a healthy indoor climate
- + Particularly firm and stable – high clamping force, easy to install
- + Homogeneous fiber structure – clean processing, low dust formation, minimal cleaning effort
- + Natural product – environmentally friendly and recyclable

A brand of

**SONAE
ARAUCO**

AGEPAN® Flex

Technical Data




Property	Unit	Value
Standard		DIN EN 13171
Raw density ρ	kg/m ³	~ 50
Nominal thermal conductivity λ_D	W/mK	0,036
Water vapour diffusion resistance factor μ		2
Tensile strength perpendicular to the plane of the board	kPa	≥ 1
Flow resistance	kPa s/m ²	≥ 5
Specific thermal capacity	J/kgK	2100
Formaldehyde emission class		E1*
Fire behavior Euroclass according to DIN EN 13501-1		E
Board marking		WF-EN 13171-T3-TR1-MU2- AFr5
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

Size	Unit	Board thickness (mm)										
		40	60	80	100	120	140	160	180	200	220	240
Nominal value Thermal resistance R_D	m ² K/W	1,10	1,65	2,20	2,75	3,30	3,85	4,40	5,00	5,55	6,10	6,65
Thermal resistance R	m ² K/W	1,05	1,55	2,10	2,60	3,15	3,65	4,20	4,70	5,25	5,75	6,30
Water vapour diffusion equivalent air layer thickness s_d	m	0,08	0,12	0,16	0,20	0,24	0,28	0,32	0,36	0,40	0,44	0,48

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

Roof / Ceiling		Wall	
	Interior insulation of the ceiling (underside) or the roof, insulation between the rafters/ supporting structure, suspended ceiling, etc.		Interior wall insulation
	DI-zk		WI-zk
	Insulation between rafters, double-layer roof, non-walkable but accessible top floor ceilings		Insulation of partition walls
	DZ		WTR
			Insulation of timber frame, timber panel construction, and similar cavities
			WH

zk = no requirement for tensile strength


Heat and cold protection


CO₂ storage


Healthy living


Meets the requirements according to the German Chemicals Prohibition Ordinance


Formaldehyde-free glued


Produced in Germany


Promoting Sustainable Forest Management
PEFC 14-35-0013 www.pefc.co.uk


THIRD-PARTY VERIFIED
Institut Bauen und Umwelt e.V.


QDF


CE

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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