



# AGEPAN<sup>®</sup> THDmax Vario

THE INSULATION SPECIALIST IN LARGE SIZE

## AGEPAN® THDmax Vario

### ADVANTAGES

- Ideal for prefabrication
- Vapour-permeable and windtight
- Unique with the asymmetrical raw density profile, thus stable and particularly abrasion-resistant
- With a width of 2.5 m adapted to the usual timber construction grid
- Excellent insulating properties keep homes cool in summer and warm in winter
- Fewer joints, thus higher construction safety in the facade area
- Planking of wall elements without horizontal panel joints
- Fast, time-saving and therefore cost-effective processing

### AREAS OF APPLICATION

- Second water-repellent layer in various wall constructions
- Timber frame wall sheathing with rear-ventilated exterior cladding in accordance with DIN 68800-2
- Areas of application in compliance with DIN 4108-10 table 13: WAB-ds / WH

### TECHNICAL DATA

PROPERTY	UNIT	VALUE				
Standard / Approval certificate		DIN EN 13171				
Nominal thickness	mm	40		60		80
Edge design		edged	lgw. unedged	edged	lgw. unedged	edged
Coverage	mm	3000 x 2500*	6000 x 2500*	3000 x 2500	6000 x 2500	3000 x 2500
Calculated dimension	mm	3000 x 2500*	6000 x 2550*	3000 x 2500	6000 x 2550	3000 x 2500
Approx. weight per m <sup>2</sup>	kg / m <sup>2</sup>	9,20		13,80		18,40
Bulk density	kg / m <sup>3</sup>	230				
Nominal thermal conductivity λ <sub>D</sub>	W / (m*K)	0,047				
Rated thermal conductivity λ <sub>R</sub>	W / (m*K)	0,049				
Water vapour diffusion resistance factor μ		3				
Water vapour diffusion equivalent air layer thickness s <sub>d</sub>	m	0,12		0,18		0,24
Compressive strength	kPa	≥ 200				
Specific thermal capacity	J / (kg*K)	2100				
Formaldehyde emission class		E1 – formaldehyde-free glued **				
Fire behaviour acc. to DIN EN 13501-1		E				
Building material class acc. to DIN 4102		B2				
Designation code	%	WF-EN13171-T3-CS(10/Y)200-TR10-WS1,0				

\* On request

\*\* Meets the requirements of the Chemicals Prohibition Ordinance (E05)

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