



AGEPAN[®] THD T+G
THE INSULATION SPECIALIST

AGEPAN® THD T+G

ADVANTAGES

- Excellent insulating properties keep homes cool in the summer and warm in the winter
- Vapour-permeable, windtight, rain-proof and water-repellent
- Asymmetrical bulk density profile, therefore low degree of fibre abrasion and easier water passage
- No nail sealing tape required as defined by ZVDH (Central Federation of German Roofing Contractors)
- Protection against hail acc. to classification by IBS Institute, Linz (Germany)
- Good adherence of adhesive tapes
- F 90-B (REI 90) constructions in the AGEPAN® SYSTEM
- Emergency roof solution for max. 8 weeks in event of exposure to elements and after storm damage

AREAS OF APPLICATION

- Windtight, heat-insulating, vapour-permeable and sound-absorbing sheathing in roof and wall areas
- Over-rafter insulating panel in new constructions and for the renovation
- Sarking board in compliance with ZVDH regulations: UDP-A
- Areas of application acc. to DIN 4108-10 table 13: DAD-ds / WAB-ds / WH

TECHNICAL DATA

PROPERTY	UNIT	VALUE			
Standard / Approval certificate		DIN EN 13171			
Nominal thickness	mm	40	50**	60	80
Calculated dimension	mm	1890 x 600			
Coverage	mm	1875 x 585			
Approx. weight per m ²	kg / m ²	9,20	11,50	13,80	18,40
Edge design		T+G			
Bulk density	kg / m ³	230			
Nominal thermal conductivity λ _D	W / (m*K)	0,047			
Rated thermal conductivity λ _R	W / (m*K)	0,049			
Water vapour diffusion resistance factor μ		3			
Water vapour diffusion equivalent air layer thickness s _d	m	0,12	0,15	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		WF-EN13171-T3-CS(10/Y)200-TR7,5-WS1,0	
Max. rafter spacing	m	0,90	1,00	1,00	1,10

* Meets the requirements according to the German Chemicals Prohibition Ordinance (E05)

** on request

FUNKTIONSHOLZ®

ECOBOARD



Promoting Sustainable Forest Management

www.pefc.org



Pressure resistant & stable

Quality made in Germany

Environmentally friendly

A one-stop solution

Easy to work with

For healthy living

Weather resistant

Sound insulation

Fire protection

Use products that are certified accordingly: FSC®- and PEFC-certified products can be delivered on demand and within availabilities. Please specify when ordering.

Your AGEPAN® SYSTEM partner

All the product names and company names used in this flyer are trade names and / or registered trademarks belonging to the respective proprietors. Any reproduction requires the express authorisation of Sonae Arauco Deutschland GmbH and / or the respective trademark proprietor. Sonae Arauco Deutschland GmbH assumes no liability for any possible errors in this prospectus. This flyer reflects the current technical specifications at the time of print and will be superseded by any new edition. It is applicable together with other documents of AGEPAN® SYSTEM. Our detailed instructions for use must be observed. The respective building regulations must be complied with. It is important to check the material's suitability for the intended purpose. Version: May 2022