



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		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

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Your AGEPAN® SYSTEM partner

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