



AGEPAN[®] THD PUTZ 050

THE INSULATING PANEL IN COMPOSITE THERMAL
INSULATION SYSTEM

AGEPAN® THD PUTZ 050

ADVANTAGES

- High compressive strength and stability
- Vapour-permeable composite thermal insulation system acc. to Z-33.47-673
- Quick completion thanks to "wet on wet" base coat application
- Letterboxes and outside lights can be easily attached (up to 5 kg per wall plug)
- F 90-B (REI 90) constructions in AGEPAN® SYSTEM
- Easy fixation using approved staples and system wall plugs
- Little risk of damage from impacts due to asymmetrical bulk density profile

AREAS OF APPLICATION

- Composite thermal insulation system with German technical approval certificate Z-33.47-673
- Suitable for new builds and renovation
- Plastered facades in the composite thermal insulation system on wood frame walls or solid wood walls
- Areas of application acc. to DIN 4108-10 table 13: WAP-zh / WH
- Please observe the plaster manufacturer's instructions

TECHNICAL DATA

PROPERTY	UNIT	VALUE			
Standard / Approval certificate		DIN EN 13171 / Z-33.47-673			
Nominal thickness	mm	40	50	60	80
Calculated dimension	mm	1890 x 600		1890 x 600 / 2515 x 1015	
Coverage	mm	1875 x 585		1875 x 585 / 2500 x 1000	
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	0,16	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	

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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