





# **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	1890 x 600 1890 x 600 / 2515 x 1015			
Coverage	mm	1875	1875 x 585		1875 x 585 / 2500 x 1000	
Approx. weight per m <sup>2</sup>	kg/m²	9,20	11,50	13,80	18,40	
Edge design		T+G				
Bulk density	kg / m³	230				
Nominal thermal conductivity $\lambda_{ exttt{D}}$	W / (m*K)	0,047				
Rated thermal conductivity $\lambda_{\text{R}}$	W / (m*K)	0,049				
Water vapour diffusion resistance factor $\mu$		3				
Water vapour diffusion equivalent air layer thickness $\boldsymbol{s}_{\text{d}}$	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) WF-EN13171-T3-CS(10/Y) 200-TR10-WS1,0 200-TR7,5-WS1,0				















Use products that are certified accordingly:  $FSC^{\circ}$ - and  $PEFC^{\circ}$ -certified products can be delivered on demand and within availabilities. Please specify when ordering.

Your AGEPAN® SYSTEM partner

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