

AGEPAN[®] TEP

The dry screed board.

- + Asymmetrical density profile – ideal load transfer
- + Extremely high strength – reduces the risk of damage
- + Uniform, abrasion-resistant surface – suitable for a wide range of floor coverings
- + Tongue-and-groove installation system – easy and secure installation
- + Solid top layers – precise cutting edges

AGEPAN® TEP

Technical Data

| Property | Unit | Value |
|--|----------------------|--|
| Standard | | DIN EN 13171 |
| Raw density ρ | kg/m ³ | ~ 230 |
| Nominal thermal conductivity λ_D | W/mK | 0,047 |
| Rated thermal conductivity λ_B | W/mK | 0,049 |
| Water vapour diffusion resistance factor μ | – | 3 |
| Compressive stress/strength | kPa | ≥ 200 |
| Tensile strength perpendicular to the plane of the board | kPa | ≥ 10 |
| Short-term water absorption | kPa s/m ² | ≤ 1 |
| Specific thermal capacity | J/kgK | 2100 |
| Maximum application temperature | °C | 110 |
| Formaldehyde emission class | | E1*; NAF (< 0,03 ppm) |
| Fire behavior Euroclass according to DIN EN 13501-1 | | E |
| Board marking | | WF-EN 13171-T3-CS(10/Y)200-TR10-WS1,0-MU3 |
| Disposal | | Waste wood category A2; waste code numbers (AVV): 030105, 170201 |

* Meets the requirements according to the German Chemicals Prohibition Ordinance (E05)
NAF = No-Added Formaldehyde

Building physics parameters

| Property | Unit | Board thickness (mm) | |
|---|--------------------|----------------------|------|
| | | 40 | 60 |
| Nominal value thermal resistance R_D | m ² K/W | 0,85 | 1,25 |
| Thermal resistance R | m ² K/W | 0,80 | 1,20 |
| Water vapour diffusion equivalent air layer thickness s_d | m | 0,12 | 0,18 |

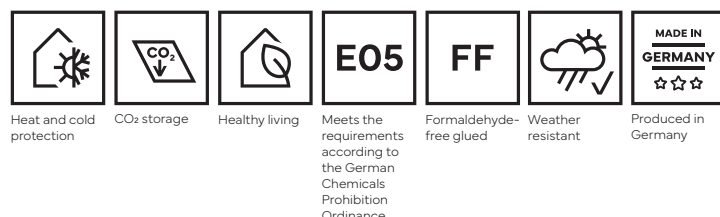
Application areas Field of application according to DIN 4108-10-2021-11

Flooring



Internal insulation of the ceiling or floor slab (top side) under screed without sound insulation requirements

DE0-ds



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



Technical Datasheet, June 2025

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