



- Thermal & acoustic insulation board for walls and timber floors
- Alternative to PAVADENTRO for internally insulating solid masonry or brick infilled timber frames
- Excellent impact & airborne sound insulation for intermediate floors
- Suitable substrate for lime plaster

Delivery form

Thickn. [mm]	Weight [kg/sqm]	Format [cm]	Board dim. [cm]	Number of boards	per pallet [sqm]	per pallet [kg]	Edge profile
40	6.99	110 x 58	108 x 56	112	67.74	520	Tongue & Groove
60	10.50	110 x 58	108 x 56	72	43.55	502	Tongue & Groove

Field of application



Technical data

Bulk density ρ [kg/m ³]	175
Thermal conductivity (EN 13171) λ_D [W/(mK)]	0.043
Specific heat capacity c [J/(kgK)]	2100
Vapour diffusion resistance coefficient μ	5
Fire behaviour (EN 13501-1)	Class E
Compressive stress at 10% compressive deformation [kPa]	70
Tensile strength perpendicular to plane of board [kPa]	5
Waste code according to the European Waste Catalogue (EWC)	030105; 170604
Identification code	WF-EN13171-T4-CS(10Y)70-TR5-WS2,0-MU5-AF100

Product description

- **Internal Wall Insulation:** Breathable, capillary active and hygroscopic insulation prevents trapped moisture while absorbing occupancy related moisture. Suitability of 60mm PAVATHERM PROFIL as IWI in areas of high exposure (WDRZ3-4) should be confirmed with NBT WUFI condensation risk analysis: PAVATHERM PROFIL lacks the mineral layer included in PAVADENTRO but otherwise shares identical material properties. Please note difference in dimensions between PAVADENTRO and PAVATHERM PROFIL
- **Impact Sound insulation for intermediate floors:** Integrated joint batten enables effective anchoring of boarded floor finishes while maintaining acoustic isolation (batten is undersized to provide floating floor). Batten is omitted for fully floating floors.
- **Warm roof insulation:** Used on the underside of coombed ceilings to supplement insulation between rafters. See also PAVATHERM COMBI & ISOROOF for boards with longer board dimension.

Full declaration

For further information see MSDS on www.pavatex.com

Storage

For further information see MSDS on www.pavatex.com



PAVATEX proven values

The load capacities available for floor constructions have been tested. The various structures, and the data for both point and surface loads, can be found in the relevant country-specific technical documentation.