Natural Building Technologies

Natural Building Technologies Limited
The Hangar, Worminghall Road
Oakley, Buckinghamshire HP18 9UL

t 01844 338338
e info@natural-building.co.uk
www.natural-building.co.uk

PAVAPOR *Universal impact sound insulation board*

- High loading capacity with outstanding impact sound insulation.
- Proven flooring structures with specified loading capacity and impact sound insulation values.
- Versatile application under liquid screeds, dry screeds and mastic asphalt.

Delivery form

Thickn. [mm]	Weight [kg/sqm]	Format [cm]	Board dim. [cm]	Number of boards	per pallet [sqm]	per pallet [kg]	Edge profile
17/16	2.30	102 x 60	102 x 60	24 x 10	146.88	355	Flat
22/21	2.97	102 x 60	102 x 60	20 x 8	97.92	309	Flat
32/30	4.32	102 x 60	102 x 60	24 x 5	73.44	335	Flat

Field of application

Technical data

Bulk density ρ [kg/m³]		135
Thermal conductivity (EN 13171) λ_D [W/(mK)]		0.038
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]		–
Tensile strength perpendicular to plane of board [kPa]		–
Dynamic stiffness [MN/m³]	17/16 mm	≤ 50
	22/21 mm	≤ 40
	32/30 mm	≤ 30
Waste code according to The European Waste Catalogue (EWC)		030105; 170604
Identification code		WF–EN13171–T7–SD50 / SD40 / SD30–CP2– MU5–AF100

Product description

Woodfibres are first processed to create a standard impact sound insulation board in order to make PAVAPOR. The result is an insulation board with an extraordinarily high loading capacity and outstanding impact sound insulation for all application areas, i.e. under liquid screeds, dry screeds such as Fermacell screed elements, screeded tiles, particle board flooring and ready-made parquet.

It can be used with solid wood and timber joist floors of all kinds in new constructions and in building renovation.

Full declaration

For further information see MSDS on www.pavatex.com

Storage

Store dry and protected from damage. Only install when dry. Stack no more than 4 boards on top of one another.

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.