NBT Natural Building Technologies

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pavatex

DIFFUTHERM *Woodfibre insulation board for thermal insulation composite systems*

- Woodfibre board with approved sandwich-construction for high stability and optimized stress equalisation
- Ideal for timber frame construction, solid wood walls and masonry renovation
- There are diverse render systems approved under the building regulations of the various countries

Delivery form

Thickn. [mm]	Weight [kg/sqm]	Format [cm]	Board dim. [cm]	Number of boards	per pallet [sqm]	per pallet [kg]	Edge profile
60	10.98	145 x 58*	143 x 56	36	30.28	362	Tongue & Groove
60	11.40	250 x 58	248 x 56	36	52.20	615	Tongue & Groove
80	15.20	145 x 58*	143 x 56	28	23.55	388	Tongue & Groove
100	19.20	145 x 58*	143 x 56	22	18.50	385	Tongue & Groove
120	23.10	145 x 58*	143 x 56	18	15.14	381	Tongue & Groove

** Format 145 x 58 in two stacks on a divisible pallet*

Field of application

PAVATEX soffit board

Thickn. [mm]	Weight [kg/sqm]	Weight [kg/package]	Format [cm]	Number of boards/ package boards/ pallet	per package/ pallet [sqm]	per pallet [kg]	Edge profile
20	3.60	20.70	120 x 60	8 / 96	5.76 / 69.12	264	Flat
40	7.20	20.70	120 x 60	4 / 48	2.88 / 34.56	264	Flat

Technical data

Bulk density ρ [kg/m³]	190
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]	80
Tensile strength perpendicular to plane of board [kPa]	10
Waste code according to The European Waste Catalogue (EWC)	030105; 170604
Identification code	WF–EN13171–T5–CS(10\Y)80–TR10–WS1,0–MU5–AF100

France

Declared thermal conductivity ACERMI λ_D [W/(mK)]	0.046
Thermal resistance under	www.pavatex.fr
ACERMI No.	-

Austria

Product type (ÖNORM B 6000)	WF–W, WF–WF, WF–WV, WF–WD, WF–PT
Europäisch technische Zulassung Baumit WDVS Holzbau	ETA-09/0305

Product description

DIFFUTHERM is an optimised, render-compatible insulation with a combined structure, composed of multiple board layers with different bulk densities. It is fastened with brackets or insulation anchors to timber frames and solid substrates. The render coating is applied using tested render systems from well-known manufacturers.

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 2 pallets on top of each other.