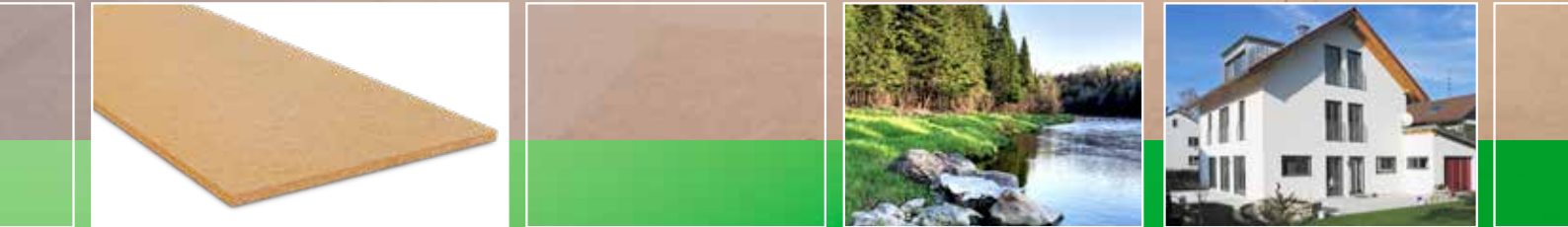


Environmentally friendly insulation system made from natural wood fibres

Very high compression strength
150 kPa



Multi purpose wood fiber insulation board with very high compression strength



Area of application

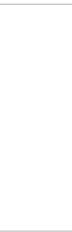
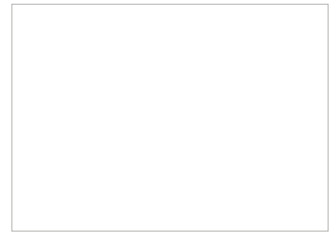
Wood fibre insulation for floor constructions

Render carrying insulation board for internal massive timber walls

- Ideal combination for heavy duty dry and wet screed construction
- Suitable for liquid screed systems
- Render carrying board for Lime and Clay plasters
- Excellent insulating properties
- Ecological, sustainable and recyclable like natural wood



The mark of responsible forestry



Packaging STEICObase

Thickness [mm]	Format [mm]	Weight [kg/m ²]	Pieces/pallet	m ² /pallet	Weight/pal. [kg]
20	1.350 * 600	5,00	112	90,7	approx. 460
40	1.350 * 600	10,00	56	45,4	approx. 460
60	1.350 * 600	15,00	38	30,8	approx. 470
80	1.350 * 600	20,00	28	22,7	approx. 460
100	1.350 * 600	25,00	22	17,8	approx. 460

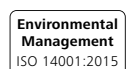
Notes: Store flat, level and under cover. Protect edges from damage. Remove plastic foil packing only when the pallet is on hard, dry and even ground. Max. stacking height: 4 pallets.

Characteristic values STEICObase

Produced and supervised according	EN 13171
Board designation	WF – EN 13171 – T5 – DS(70,-)2 – CS (10 \Y)150 – TR10 – MU5
Edge profile	Square edged
Fire class according to EN 13501-1	E
Declared thermal conductivity λ_D [W/(m*K)]	0,048
Declared thermal resistance R_D [(m ² *K)/W]	0,40(20)/0,80(40)/1,25(60)/1,65(80)/2,05(100)
Density [kg/m ³]	Approx. 250
Water vapour diffusion resistance factor μ	5
s_d value [m]	0,1(20)/0,2(40)/0,3(60)/0,4(80)/0,5(100)
Specific heat capacity c [J/(kg*K)]	2.100
Minimum compression strength at 10 % deformation δ_{10} [N/mm ²]	$\geq 0,15$
Compression strength [kPa]	≥ 150
Tensile strength perpendicular to face \perp [kPa]	≥ 10
Declared level of airflow resistance [(kPa*s)/m ²]	≥ 100
Raw material	Wood fibre, bond between layers
Waste code (EAK)	030105/170201, disposable like timber and timber products

It is recommended to render STEICObase with plasters which are vapour diffusion permeable and have moisture regulating properties.

Recommended plasters



Your STEICO Partner

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