

Environmentally friendly insulation materials made from natural wood fibres



Multifunctional rigid woodfibre insulation board – light and stable



Areas of application

Rigid insulation from natural wood fibre for floors and roofs

Internal wall insulation (IWI)

- Quick and easy installation
- Excellent insulation properties in winter and summer
- High compression strength
- Water vapour open
- Helps to regulate the indoor climate
- Ecological and environmentally friendly





Packaging STEICO^{therm}

Thickness [mm]	Format [mm]	Pieces/pl.	m ² /pal.	Weight/m ² [kg]	Weight./pal. [kg]
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Handy formats with square edges

40	1.350 * 600 ^{a)}	56	45,360	6,40	approx. 310
60	1.350 * 600 ^{a)}	38	30,780	9,60	approx. 300
80	1.350 * 600 ^{a)}	28	22,680	12,80	approx. 310

Characteristic values STEICO^{therm}

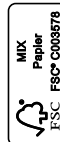
Produced and supervised according to	EN 13171
Board designation	WF-EN 13171-T4-CS(10\Y)50-TR2,5-WS2,0-AF,100
Edge profile	square edges
Fire class according to EN 13501-1	E
Declared thermal conductivity λ_D [W/(m*K)]	0,038
Declared thermal resistance R_D [(m ² *K)/W]	1,05(40)/1,55(60)/2,10(80)
Density [kg/m ³]	ca. 160
Water vapour diffusion resistance factor μ	5
s_d value [m]	0,2(40)/0,3(60)/0,4(80)
Specific heat capacity c [J/(kg*K)]	2.100
Minimum compression strength at 10% deformation δ_{10} [N/mm ²]	0,05
Druckfestigkeit [kPa]	50
Tensile strength perpendicular to face \perp [kPa]	2,5
Short-term water absorption [kg/m ²]	$\leq 2,0$
Declared level of airflow resistance [(kPa*s)/m ²]	≥ 100
Raw material	Wood fibre, bond between layers
Waste code (EAK/AVV)	030105/170201

a) Pallet format: ca. 1.35 * 1.20 * 1.30 m; 40 pal. / truck

Recommendations: 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: 2 paletts. For dust extraction please refer to national requirements

Additional areas of application (according to national regulations)

External insulation for roofs or floors with discontinuously laid coverings or under sarking felt
Interior insulation for floors or roofs, insulation between rafters
Insulation under a screed
External insulation for walls behind a rain screen
Insulation for timber structures
Internal insulation for solid walls



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