

Environmentally-friendly insulation system
made from natural wood fibres



Areas of application

Roof insulation on fully supported substrate.

Insulation for CLT walls.

External insulation for Masonry and Timber frame construction in combination with a rain screen cladding.

Walkways in areas of loose fill insulation on Attic floors.

Multifunctional rigid woodfibre insulation board

- Available in tongue & groove and square edged profiles
- Manufactured in dry process
- Exceptionally light and robust
- Excellent insulation properties in winter and summer
- Water vapour open
- Helps to regulate the indoor climate



The mark of responsible forestry



Packaging STEICO^{therm dry}

Thickness [mm]	Size [mm]	Edge profile	Pieces/pallet	m ² /pal.	Weight/m ² [kg]	Weight./pal [kg]
60	1.350*600	square edge	38	30,780	6,00	approx. 185
80	1.350*600	square edge	28	22,680	8,00	approx. 185
100	1.350*600	square edge	22	17,820	10,00	approx. 180
120	1.350*600	square edge	18	14,580	12,00	approx. 175
140	1.350*600	square edge	16	12,960	14,00	approx. 185
160	1.350*600	square edge	14	11,340	16,00	approx. 185
180	1.350*600	square edge	12	9,720	18,00	approx. 175
60	1.880*600 ^{a) b)}	T+G	38	42,864	7,20	approx. 310
80	1.880*600 ^{b)}	T+G	28	31,584	9,60	approx. 305
100	1.880*600	T+G	22	24,816	12,00	approx. 300
120	1.880*600	T+G	18	20,304	14,40	approx. 295
140	1.880*600	T+G	16	18,048	16,80	approx. 305
160	1.880*600	T+G	14	15,792	19,20	approx. 305

Characteristic values STEICO^{therm dry}

Produced and supervised according to Board designation	DIN EN 13171 WF – EN 13171 – T5 – CS(10Y)50 – TR10 – WS1,0 – MU3
Fire class according to EN 13501-1	E
Density [kg/m ³]	approx. 110
Declared thermal conductivity λ _D [W/(m*K)]	0,037
Declared thermal resistance R _D [(m ² *K)/W]	1,60(60)/2,15(80)/2,70(100)/3,20(120)/3,75(140)/4,30(160)/4,85(180)
Water vapour diffusion resistance factor μ	3
s _d value [m]	0,18(60)/0,24(80)/0,3(100)/0,36(120)/0,42(140)/0,48(160)/0,54(180)
Specific heat capacity c [J/(kg*K)]	2.100
Compression strength at 10 % deformation δ ₁₀ [N/mm ²]	0,05
Compression strength [kPa]	50
Tensile strength perpendicular to face ⊥ [kPa]	10
Short-term water absorption [kg/m ²]	≤1,0
Waste code (EAK/AVV)	030105/170201
Raw material	Wood fibre, polyurethane resin, paraffin wax

Material

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

External insulation for walls behind a rain screen

Insulation for timber structures

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

- a) Not suitable for air injected insulation
 b) Not suitable for free spanning across rafters



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 engineered by nature

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