

Wood fibre insulation

Environmentally friendly,
Natural wood fibre insulation board



AREAS OF APPLICATION

External insulation board

Water resistant roof sarking manufactured from natural wood fibres for both new build and roofing renovation.

External wall insulation for new build and renovation projects.

- Water vapour open board for a healthy living environment
- 3 fold functionality: wind-proof layer, secondary water resisting layer, additional insulation layer
- Provides an additional insulation layer above rafter level
- Reduces thermal bridging through the rafters or studs
- Excellent summer heat protection
- High security double tongue & groove profile; weatherproof for roof inclinations greater than 18° without the need for tapes or glue.
- Tongue & groove profile contributes to building airtightness
- Improved sound insulation
- Good fire resistance – Class E according to EN13501-1
- Simple and economic on site handling
- Ecological, environmentally friendly and recyclable
- FSC certified



Further information and construction guides can be found at www.steico.com



STEICOspecial Board Specifications

Board Dimensions – 1880mm * 600mm. Tongue and groove profile to all 4 sides

Thickness (mm)	Board Coverage (mm)	Weight (kg/m ²)	Pieces per pallet	Pallet coverage (m ²)	Pallet weight (kg)
60	1.855 * 575	14.01	36	38.2	ca. 620
80	1.855 * 575	18.44	28	29.7	ca. 620
100	1.855 * 575	22.81	22	23.3	ca. 620
120	1.855 * 575	27.21	18	19	ca. 620

*Coverage per board is approximately 1.06m²

Material

Wood fibre insulation produced to DIN EN 13171
 STEICO uses wood from sustainably managed forests, certified according to the strict guidelines of the FSC® (Forest Stewardship Council).

STEICOspecial is particularly user friendly and will not knowingly cause skin irritation and can be worked with simple cutting tools. When cutting and handling STEICO products please ensure the correct personal protection equipment is used and inhalation of any dust

Storage and transport

Store STEICOspecial boards lying flat.
 Store in a dry area.
 Protect edges against damage.
 Remove foil packing only when the board is ready to be installed

STEICOspecial Technical values	
Produced and supervised in accordance with	EN 13171
Board Designation	WF – EN 13171 – T4 – DS(70,-)2 – CS(10\Y)100 – TR10 – WS1,0 – AF100
Fire classification in accordance with EN 13501	E
Declared Thermal Conductivity ηD [W / (m * K)]	0.046
Declared Thermal Resistance RD [(m2 * K) / W]	1.30 / 1.70 / 2.15 / 2.60
Board Density	ca. 240
Water Vapour diffusion resistance factor	η5
Sd-Value	0.3 / 0.4 / 0.5 / 0.6
Specific Heat Capacity	2100
Minimum compression strength 10 % deformation η10 [N / mm2]	? 0.10
Minimum compression strength (kPa)	? 100
Tensile strength perpendicular to Board level [kPa]	? 10
Declared level of airflow resistance [(kPa * s) / m2]	? 100
Waste Code (EAK)	030105 / 170201
Raw material	woodfibre, aluminium sulphate, paraffin, silicate, waterproofing agents, bond between layers
Edge Profile	Double tongue & groove all 4 edges



Ihr STEICO Fachhändler

www.steko.com