



Multi purpose wood fibre insulation board

- Insulation board and height levelling board under screed systems
- Ideal for industrial application such as whiteboards
- Compression strength ≥ 100 kPa
- Finely graded thicknesses, e.g. for height levelling in floor constructions
- Diffusion-open for increased structural safety
- Wood from responsible forestry - PEFC certified

Application area



- Wood fiberboard for floor constructions under wet and dry screed systems
- Can be used as a single layer under click parquet and click laminate ≥ 10 mm

Technical data

Produced and supervised according to	EN 13986
Board designation	EN 622-4 SB – E1
Fire class (RTF) according to EN 13501-1	E
Permanent temperature range [°C]	≤ 100
Thermal conductivity λ_D according to DIN EN 13986 [W/(m*K)]	0.050
Rated value thermal conductivity (according to EN ISO 10456, Table 3) [W/(m*K)]	0.070
Density [kg/m ³] (approx.)	230
Water vapour diffusion resistance factor μ	5
Specific heat capacity [J/(kg*K)]	2,100
Compressive strength at 10% compression δ_{10} [N/mm ²]	≥ 0.10
Compression strength [kPa]	≥ 100
Manufacturing process	wet process / utilisation of the wood's own lignin for panel bonding
Ingredients	Wood fibre
Bonded carbon [kg CO ₂ equivalent./m ³] (approx.)	380

Additional technical data

Thickness [mm]	Declared thermal resistance [(m ² *K)/W]	s _d value [m]
9	0.20	0.05
12	0.20	0.06
18	0.40	0.09

Forms of delivery

Formats for versatile use

Thickness [mm]	Edge profile	Length [mm]	Width [mm]	Number/pal. [pcs.]	Coverage/pal. gross [m ²]
9	SE	2440	1220	100	297.680
12	SE	2440	1220	95	282.796
18	SE	2440	1220	60	178.608

Weight and packing

Formats for versatile use

Thickness [mm]	Edge profile	Length [mm]	Width [mm]	Weight/m ² [kg]	Weight/pcs. [kg]	pac./pal. paper/cardboard (approx) [kg]	pac./pal. plastic (approx) [kg]	pac./pal. wood (approx) [kg]	Weight./pal. (approx.) [kg]
9	SE	2440	1220	2.10	6.3	0.10	1.6	25.2	660
12	SE	2440	1220	2.80	8.3	0.10	1.6	25.2	780
18	SE	2440	1220	4.10	12.2	0.10	1.6	25.2	765

Notes

Storage

- Store wood fibre boards horizontally, flat and dry
- Protect edges from damage
- Only remove the film packaging when the ambient climate is dry and keep the pallet packing label

Disposal

Waste cuttings:

- Waste code according to 2014/955/EU: 03 01 05

Dismantling:

- Waste code according to 2014/955/EU: 17 02 01

Cutting

- The boards can be cut to size using a band saw, circular saw, jigsaw and other wood-cutting tools.

Occupational health and safety

- HSE guidance on the safe cutting of timber and the management of wood dust should be followed

Building moisture

- Excess moisture caused by e.g. fresh screed, plaster, or paint must be removed by ventilation
- Dry air must be ensured inside the building during the construction phase.

Installation

- When laying on mineral substrates, a separating layer is recommended. This protects the wood fibreboard from rising residual moisture.
- Installation on full-surface substrate
- The product must be laid in a bond. (min. offset 250 mm)
- We recommend STEICO*soundstrip* as edge insulation strips for rising building components.
- When used in combination with wet screed, a separating layer must be planned.
- The local fire protection requirements must be observed in the area of the chimney and heating systems. (Observe clearances)

Certificates and quality management



☰ Caption

other abbreviations

- pal.** Pallet
- T&G** Tongue and Groove
- pac.** Packaging
- approx.** Approximately
- SE** square edge
- Pcs.** Pieces

Responsible for content

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This document is valid in the following countries:
United Kingdom, Republic of Ireland

The currently valid version can be found at: www.steico.com/tds_steicoisorel_gbr-irl_en