



**Classified wood fibre impact sound insulation board for the combination of dry and wet screeds**

- Low dynamic stiffness
- High compressive strength for combination of dry and wet screeds
- With wood's own lignin as a binding agent
- Independently tested and recommended by the German Institute for Building Biology Rosenheim
- Quick and easy to lay
- Wood from responsible forestry - PEFC certified

**Application area**



- Impact sound and thermal insulation board under dry and wet screed systems

**Technical data**

Produced and supervised according to	EN 13171
Board designation	thick 20 mm: WF – EN 13171 – T7 – SD50 – CP2; thick 30 mm: WF – EN 13171 – T7 – SD30 – CP2
Fire class (RTF) according to EN 13501-1	E
Permanent temperature range [°C]	≤100
Declared thermal conductivity [W/(m*K)]	0.038
Density [kg/m³] (approx.)	150
Water vapour diffusion resistance factor $\mu$	5
Specific heat capacity [J/(kg*K)]	2,100
Dynamic stiffness [MN/m³]	50 (20mm) / 30 (30mm)
Manufacturing process	wet process / utilisation of the wood's own lignin for panel bonding
Ingredients	Wood fibre, bond between layers, aluminium sulphate
Declared level of airflow resistance [(kPa*s)/m²]	≥100
Compressibility with payload ≤ 5 kPa [mm]	≤ 2, CP2
Bonded carbon [kg CO <sub>2</sub> equivalent./m³] (approx.)	270

**Additional technical data**

Thickness [mm]	Declared thermal resistance [(m²*K)/W]	s <sub>d</sub> value [m]
20	0.50	0.10
30	0.75	0.15

### Forms of delivery

Thickness [mm]	Edge profile	Length [mm]	Width [mm]	Number/pal. [pcs.]	Coverage/pal. gross [m <sup>2</sup> ]
20	SE	1350	600	116	93.960
30	SE	1350	600	74	59.940

### Weight and packing

Thickness [mm]	Edge profile	Length [mm]	Width [mm]	Weight/m <sup>2</sup> [kg]	Weight/pcs. [kg]	pac./pal. paper/cardboard (approx) [kg]	pac./pal. plastic (approx) [kg]	pac./pal. wood (approx) [kg]	Weight./pal. (approx.) [kg]
20	SE	1350	600	3.20	2.6	0.05	1.0	20.2	325
30	SE	1350	600	4.80	3.9	0.05	1.0	20.2	315

### 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
- Maximum stacking height: 2 pallets

#### 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 provided inside the building during the construction phase.

### Installation

#### Processing in floor systems

- 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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United Kingdom, Republic of Ireland

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