



- Impact sound insulation board for concrete and wooden floors
- Classified impact sound insulation board made of natural wood fibre
- Extremely good at cancelling vibrations (low dynamic stiffness)
- Insulation board for use under a wet screed, e.g. cement or anhydrite
- Compressibility: CP 5

### Application area



- Impact sound and thermal insulation board under wet screed systems
- Not suitable for dry screed systems

### Technical data

Produced and supervised according to	EN 13171
Board designation	WF-EN 13171-T6-SD 18-CP5
Fire class (RTF) according to EN 13501-1	E
Permanent temperature range [°C]	≤100
Declared thermal conductivity [W/(m*K)]	0.038
Specific heat capacity [J/(kg*K)]	2,100
Dynamic stiffness [MN/m³]	18
Ingredients	Wood fibre, polyolefin fibre, ammonium sulfate
European Waste Code (EWC)	030105/170201, disposal as wood and wood-based materials, waste wood category A II
Declared level of airflow resistance [(kPa*s)/m²]	≥20
Compressibility with payload ≤ 5 kPa [mm]	≤ 5, CP5
Bonded carbon [kg CO <sub>2</sub> equivalent./m³]	85

### Additional technical data

Thickness [mm]	Declared thermal resistance [(m²*K)/W]
20	0.50
30	0.75

### Forms of delivery

Thickness [mm]	Edge profile	Length [mm]	Width [mm]	Number/pal. [pcs.]	Coverage/pal. gross [m <sup>2</sup> ]
20	SE	1220	575	240	168.360
30	SE	1220	575	168	117.852

### 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	1220	575	1.80	1.3	0.10	1.5	25.4	245
30	SE	1220	575	2.70	1.9	0.10	1.5	25.4	350

### 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

- Disposal of offcuts: Waste code (EWC / AVV) 170201/030105, disposal as wood and wood-based materials, waste wood category II
- Disposal after dismantling: Waste code (EWC / AVV) 170201/030105, disposal as wood and wood-based materials, waste wood category II

#### Cutting

- The boards can be cut to size using the STEICO *isoflex cut combi* cutting table or a band saw, circular saw, jigsaw and other wood-cutting tools.

#### Occupational health and safety

- Comply with local regulations for the processing of wood-fibre material
- Suitable protective measures must be taken when cutting the wood fiber insulation boards. (dust extraction, dust mask)

#### 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.
- Additional measures e.g. the installation of drying equipment are recommended

### Installation

#### Processing in floor systems

- When laying on mineral substrates, a separating layer is recommended. This protects the STEICO *flex SD* from rising residual moisture.
- Installation on full-surface substrate
- STEICO *flex SD* must be laid in a bond. (min. offset 250 mm)
- Maintain edge distances (STEICO *soundstrip*)
- For use under a wet screed, a separating layer is required.
- The local fire protection requirements must be observed in areas of chimney and heating systems. (Observe clearances)
- This document is based on the German technical data sheet and is intended for general information purposes in an international context. National regulations and building codes must be additionally observed.

Certificates and quality management



☰ Caption

**other abbreviations**

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