



- Ideal for insulation for accessible attic floors (light storage only, not inhabited)
- Excellent insulation for winter cold and summer heat protection
- Quick and easy to lay
- Manufactured with fresh softwood - sustainable climate protection through CO<sub>2</sub> storage
- Particularly water vapour open - protects the structure and reduces costs and installation time as no additional vapour retarding layers are required

### Application area



- Insulation of the top floor ceiling

### Technical data

Produced and supervised according to	EN 13171
Board designation	WF – EN13171 – T5 – CS(10\Y)100 –TR10 – MU3
Fire class (RTF) according to EN 13501-1	E
Permanent temperature range [°C]	≤100
Declared thermal conductivity [W/(m*K)]	0.040
Density [kg/m <sup>3</sup> ]	approx. 140
Water vapour diffusion resistance factor $\mu$	3
Specific heat capacity [J/(kg*K)]	2,100
Compressive strength at 10% compression $\delta_{10}$ [N/mm <sup>2</sup> ]	0.1
Compression strength [kPa]	100
Tensile strength perpendicular to face [kPa]	10
Manufacturing process	dry process / utilization polyurethane resin for panel bonding
Ingredients	wood fibre, polyurethane resin, paraffin wax
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)/m <sup>2</sup> ]	≥100
Bonded carbon [kg CO <sub>2</sub> equivalent./m <sup>3</sup> ]	200

### Additional technical data

Thickness [mm]	Declared thermal resistance [(m <sup>2</sup> *K)/W]	s <sub>d</sub> value [m]
80	1.95	0.24
100	2.40	0.30

### Forms of delivery

Handy formats, e.g. for construction site assembly

Thickness [mm]	Edge profile	Length [mm]	Width [mm]	Number/pal. [pcs.]	Coverage/pal. gross [m <sup>2</sup> ]
80	SE	1200	400	28	13.440
100	SE	1200	400	22	10.560

### Weight and packing

Handy formats, e.g. for construction site assembly

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]
80	SE	1200	400	11.20	5.4	0.10	0.7	16.2	175
100	SE	1200	400	14.00	6.7	0.10	0.7	16.2	170

### 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: 3 pallets

#### 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 fibre insulation boards. (dust extraction, dust mask)

#### Building moisture

- Building moisture caused by e.g. fresh screed, plaster or paint must generally be removed by ventilation.
- Dry air must be provided inside the building during the construction phase.
- Additional measures, such as the installation of drying equipment during the construction phase, are recommended

### Installation

- The building physics of the substrate and structure must be checked. If necessary, a vapour barrier membrane or airtight membrane must be installed.
- The STEICO*top* must be laid on a full-surface substrate.
- When laying multiple layers, ensure that the joints are offset.
- The local fibre protection requirements must be observed in the area of the chimney and heating systems. (Observe clearances)
- The wood fibre boards can be walked on (light foot traffic only)
- Fibre abrasion occurs Is this an installation warning or a notice that sliding items on the attic floor will damage the surface
- Light objects can be stored on the wood fibre
- For heavy materials or objects with a small support surface (high point loads), a flat base for weight distribution is recommended.
- Vapour restrictive materials placed on top of the STEICO*top* boards, (e.g. a sheet of plywood placed under an object to spread the load) may hinder the diffusion flow. To reduce moisture risks, ensure that such materials do not cover the entire wood-fibre surface and are only placed under the corresponding point loads.
- Consider adding signage in any attic/storage area to explain the usage restrictions of the STEICO*top* material
- 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