



- Particularly robust and durable
- Excellent insulation properties in winter and summer
- Both water repellent and vapour permeable for robust constructions
- Large variety of formats and thicknesses from 40 to 240mm
- Suitable for air-injected insulation from 40mm thick
- Available in large format boards for off-site construction
- Extensive catalogue of construction details available
- Manufactured with fresh softwood - sustainable climate protection through CO<sub>2</sub> storage

## Application area



- Soffit panel for the STEICO *secure* ETICS

## Technical data

Produced and supervised according to	EN 13171, EN 14964
Board designation	WF EN 13171 – T5 – DS(70,90)3 – CS(10\Y)200 – TR30 – WS1,0 – MU3
Fire class (RTF) according to EN 13501-1	E
Permanent temperature range [°C]	≤100
Declared thermal conductivity [W/(m*K)]	Type H dry: 0,043
Density [kg/m <sup>3</sup> ]	Type H dry: approx. 180
Water vapour diffusion resistance factor $\mu$	5
Specific heat capacity [J/(kg*K)]	2,100
Compression strength [kPa]	200
Tensile strength perpendicular to face [kPa]	30
Manufacturing process	dry process / utilization polyurethane resin for panel bonding (approx. 5%)
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
Outdoor exposure	4 weeks
Bonded carbon [kg CO <sub>2</sub> equivalent./m <sup>3</sup> ]	260

## Additional technical data

Thickness [mm]	Type	Declared thermal resistance [(m <sup>2</sup> *K)/W]	s <sub>d</sub> value [m]
40	H dry	0.90	0.12

## Forms of delivery

Thickness [mm]	Type	Edge profile	Length [mm]	Width [mm]	Number/pal. [pcs.]	Number/pack. [pcs.]	Coverage/pal. gross [m <sup>2</sup> ]
40	H dry	SE	1350	600	56	3	45.360

## Weight and packing

Thickness [mm]	Type	Edge profile	Length [mm]	Width [mm]	Weight/m <sup>2</sup> [kg]	Weight/pcs. [kg]	Weight/pack. [kg]	Packaging/pack. Paper/cardboard (approx.) [kg]
40	H dry	SE	1350	600	7.20	4.9	19.00	1.20

## 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

- Wood fibre insulation boards are delivered dry. On building sites a material moisture level is reached that allows immediate plaster coating.
- In the event of prolonged damp weathering with driving rain, or in periods of very high humidity, the material moisture content of the wood fibre insulation boards that have not yet been plastered may increase significantly. Before plastering, a limit moisture content of the wood fibre insulation board of 13 % must be maintained.
- For renovations and new buildings made of mineral building materials a high core moisture content of the substrate must be avoided.

## Installation

### Installation as a plaster base board

- Under <http://www.steico.com/technical-installation> or the enclosed QR code, you will find the processing instructions for this product under the category „processing instructions STEICO ETICS“.  
(Installation instructions facade insulation)

- 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
- pcs.** pieces