



Render carrying wood fibre insulation board for ETICS in soffit areas

- For STEICO external thermal insulation composite systems in timber construction and on mineral substrates
- Can also be used for ventilated facades
- Reduction of thermal bridges
- Variable cutting of required reveal widths
- Wood from responsible forestry - PEFC certified

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)]	0,043
Density [kg/m³] (approx.)	180
Water vapour diffusion resistance factor μ	3
Specific heat capacity [J/(kg*K)]	2,100
Compression strength [kPa]	200
Tensile strength perpendicular to face [kPa] (approx.)	30
Manufacturing process	dry process / utilisation polyurethane resin for panel bonding
Ingredients	wood fibre, polyurethane resin, paraffin wax
Outdoor exposure [weeks]	4
Bonded carbon [kg CO ₂ equivalent./m³] (approx.)	260

Additional technical data

Thickness [mm]	Type	Declared thermal resistance [(m²*K)/W]	s _d 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 ²]
40	H dry	SE	1350	600	56	3	45.360

Weight and packing

Thickness [mm]	Type	Edge profile	Length [mm]	Width [mm]	Weight/m ² [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

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 the STEICO *isoflex cut combi* cutting table or 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

- 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

- Please observe the processing instructions under the following link: <https://www.steico.com/en/technical/installation>



Certificates and quality management



☰ Caption

other abbreviations

pal. Pallet
T&G Tongue and Groove
pac. Packaging
approx. Approximately
pcs. pieces

Responsible for content

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