

Environmentally friendly insulation system made from natural wood fibres



Steico Safe

Insulated sarking board with integrated membrane for extra protection



Areas of application

Above roof rafter
External walls

- Sarking & sheathing board for increased rain protection for flat pitched roofs.
- Can be installed behind brickwork facades
- 3-fold function: heat/cold protection, rain protection, wind protection
- Diffusion-open for increased structural safety



Packaging & Sizes										
Thickness (mm)	Size [mm]	Cover. dim (mm)	Edge profile	Declared thermal resistance [(m²*K)/W]	sd value [m]	Pcs / pallet	Gross area / pallet [m²]	Net area / pallet [m²]	Weight kg / m²	Weight / pal. [kg]
40*	2230 * 600	2205 * 575	T&G	0.90	0.36	56	74.928	71.001	7.20	535
60*	2230 * 600	2205 * 575	T&G	1.5	0.36	36	48,168	45.644	8.40	410
80*	2230 * 600	2205 * 575	T&G	2.0	0.48	28	37,464	35.501	11.20	425

* Indicates special order size. Three months lead time. Pallet size: ca. 2.25 * 1.20 * 1.22 m.

Thicknesses of 100mm – 240mm also available. with full container quantities only – Speak to us for more details

The STEICOsafe boards feature an overlap of the laminated layer on four sides. The overlap is 10 cm and is secured with a 10 cm wide adhesive strip.

Technical Data			
Produced and supervised according to	EN 13171	Compressive strength at 10% compression $\delta 10$ [N/mm²]	0.2 (40 mm) / 0.1 (60–80 mm) /
Board designation	40 mm: WF – EN 13171 – T5 – CS(10\Y) 200 – TR30 – WS1,0; / 60 – 80 mm: WF – EN 13171 – T5 – CS(10\Y) 100 – TRI0 – WS1,0 / 120 – 240 mm: WF – EN 13171 – T5 – CS(10\Y) 50 – TRI0 – WS1,0	Compression strength [kPa]	200 (40 mm) / 100 (60–80 mm)
Fire class (RTF) according to EN 13501-1	E	Tensile strength perpendicular to face [kPa] (approx.)	≥ 25
Permanent temperature range [°C]	≤ 100	Declared level of airflow resistance [(kPa*s)/m²]	≥ 100
Declared thermal conductivity [W/(m*K)]	0.043 (40 mm) / 0.04 (60–80 mm)	Ingredients	Wood fibre, PUR resin, paraffin, diffusion-open bottom cover membrane 3-ply protected on both sides with PP fleece, seam bonding acrylic dispersion, solvent-free
Density [kg/m³] (approx.)	180 (40 mm) / 140 (60–80 mm) / 110 (120–240 mm)	Manufacturing process	dry process / utilisation of polyurethane resin for panel bonding
Water vapour diffusion resistance factor μ	3	Waste code (EAK/AVV)	2014/955
Short-term water absorption [kg/m²]	≤ 1.0	Outdoor exposure [weeks]	8
Specific heat capacity [J/(kg*K)]	2,100	Bonded Carbon [kg CO ₂ equivalent/m³] (approx.)	260 (40mm) / 200 (60-80mm)

Notes

Storage

- Store wood fibre boards horizontally, flat and dry
- Protect edges from damage
- Maximum stacking height: 4 pallets

Cutting

- The boards can be cut to size using typical woodworking tools.
- To prevent the laminated water-bearing sheet from tearing out, cut on the non-covered side of the panel

Additional information

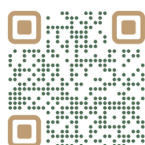
The suitability of further superstructures and installations such as the roof cladding, solar and PV elements as well as roof windows must be checked by the contractor independently

Occupational health and safety

- Additional fall protection (man safe systems) should be used in line with national guidelines
- HSE guidance on the safe cutting of timber and the management of wood dust should be followed

Building moisture

- Dry air must be ensured inside the building during the construction phase
- Condensation on the side of the panel facing the room during the construction phase disrupts (hinders) the diffusion flow.
- Building moisture caused by fresh screed, plaster or paint, for example, must generally be removed by ventilation.



Scan for Installation Guide

