



**Insulating sarking, sheathing and render board - high stability even with low board thicknesses**

- 4-fold function: cold protection, rain protection, wind protection, render board
- Can be used from 35 mm board thickness in conjunction with STEICO air-injected insulation
- Particularly economical – just one type of board for roof constructions (from 1880 mm in length) and rendered façades (from 40 mm in thickness)
- Particularly robust insulation board thanks to the high raw density
- Diffusion-open for increased structural safety
- Wood from responsible forestry - PEFC certified

**Application area**



- Rigid sarking board for the roof area
- Wall construction (sheathing) panel for timber construction in combination with curtain-type, rear-ventilated façades
- Provides temporary weather protection
- From a roof pitch of  $\geq 14^\circ$
- Plaster-coatable wood fibre insulation board for the STEICO*secure* Timber ETICS
- Under-rafter render carrying insulation board (up to 60mm thick) within roof applications
- Stable insulation for floor structures

### Technical data

Produced and supervised according to	EN 13171, EN 14964
Board designation	WF – EN 13171 – T5 – DS(70,-)2 – CS(10\Y)200 – TR30 – WS1,0 – MU3, EN-14964-IL
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 $\mu$	3
Short-term water absorption [kg/m²]	≤ 1.0
Specific heat capacity [J/(kg*K)]	2,100
Compressive strength at 10% compression $\delta_{10}$ [N/mm²]	0.20
Compression strength [kPa]	200
Tensile strength perpendicular to face [kPa] (approx.)	≥ 30
Manufacturing process	dry process / Utilisation polyurethane resin for panel bonding
Permissible roof pitch without additional measures [°]	≥ 14
Maximum undercutting of the standard roof pitch [°]	8
Ingredients	wood fibre, polyurethane resin, paraffin wax
Declared level of airflow resistance [(kPa*s)/m²]	≥ 100
Outdoor exposure [weeks]	4
Bonded carbon [kg CO <sub>2</sub> equivalent./m³] (approx.)	260

### Additional technical data

Thickness [mm]	Declared thermal resistance [(m²*K)/W]	s <sub>d</sub> value [m]
40	0.90	0.12
60	1.35	0.18

### Forms of delivery

For variable use on the construction site and for prefabrication

Thickness [mm]	Edge profile	Length [mm]	Width [mm]	Length net [mm]	Width net [mm]	Number/pal. [pcs.]	Coverage/pal. gross [m²]	Coverage/pal. net [m²]
40	T+G	1880	600	1855	575	56	63.168	59.731
40	T+G	2230	600	2205	575	56	74.928	71.001
60	T+G	1880	600	1855	575	38	42.864	40.532
60	T+G	2230	600	2205	575	36	48.168	45.644

## Weight and packing

For variable use on the construction site and for prefabrication

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]
40	T+G	1880	600	7.20	7.7	4.40	1.1	25.5	465
40	T+G	2230	600	7.20	9.1	4.60	1.1	28.4	550
60	T+G	1880	600	10.80	11.5	4.40	1.1	25.5	475
60	T+G	2230	600	10.80	13.7	4.60	1.1	28.4	530

## 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: 4 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

- STEICO wood fibre boards can be walked on directly above a rafter or joist support, however they cannot be used as the primary walking surface
- To ensure that the roof can be walked on at all times, it is advisable to lay the battens at the same time.
- Additional fall protection (man safe systems) should be used in line with national guidelines
- Suitable protective measures must be taken when cutting the wood fibre insulation boards. (dust extraction, dust mask)
- HSE guidance on the safe cutting of timber and the management of wood dust should be followed

### Building moisture

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

## Installation

### Processing in roof and wall areas / plaster base board

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

### Additional information

- The maximum allowable weight of the entire render system is 25kg/m<sup>2</sup>
- Gluing brick slips onto the plaster base board / plaster system is not permitted
- STEICO *universal dry* with T&G has a water-repellent surface - may be used without additional weatherproof membranes behind rear-ventilated façades

## Certificates and quality management



## ☰ Caption

### other abbreviations

- pal.** Pallet
- T&G** Tongue and Groove
- pac.** Packaging
- approx.** Approximately
- SE** square edge
- Pcs.** Pieces
- UDP-A** sarking and sheathing board type A

### Responsible for content

STEICO UK Ltd  
Unit 3 Eden Brae Business Park, Dunstable Road  
Caddington LU1 4FF  
Great Britain  
Web: [www.steico.com](http://www.steico.com)  
Mail: [info@steico.com](mailto:info@steico.com)

**Version: 1**

**Date: 2025-05-12**

The contents of this document have been prepared with the utmost care. However, applicable regulations can change. STEICO accepts no liability for the accuracy, completeness, or current applicability of the content. Application areas may vary in the detailing. Always verify the suitability of our products for the specific intended use.

This document is valid in the following countries:  
United Kingdom, Republic of Ireland

The currently valid version can be found at: [www.steico.com/tds\\_steicouniversaldry\\_gbr-irl\\_en](http://www.steico.com/tds_steicouniversaldry_gbr-irl_en)