



Insulating sarking and sheathing board - with wood's own lignin as a binding agent

- 3-fold function: cold protection, rain protection, wind protection
- Can be used from 35 mm board thickness in conjunction with STEICO air-injected insulation
- With wood's own lignin as a binding agent
- Excellent summer heat protection
- 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 facades
- Provides temporary weather protection
- From a roof pitch of $\geq 14^\circ$

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 – AFR100, EN-14964-IL
Fire class (RTF) according to EN 13501-1	E
Permanent temperature range [°C]	≤ 100
Declared thermal conductivity [W/(m*K)]	0.048
Density [kg/m³] (approx.)	270
Water vapour diffusion resistance factor μ	5
Short-term water absorption [kg/m²]	≤ 1.0
Specific heat capacity [J/(kg*K)]	2,100
Compressive strength at 10% compression δ_{10} [N/mm²]	0.20
Compression strength [kPa]	200
Tensile strength perpendicular to face [kPa] (approx.)	≥ 30
Manufacturing process	wet process / utilisation of the wood's own lignin for panel bonding
Permissible roof pitch without additional measures [°]	≥ 14
Maximum undercutting of the standard roof pitch [°]	8
Ingredients	wood fibre, aluminium sulphate, paraffin, bond between layers
Outdoor exposure [weeks]	4
Bonded carbon [kg CO ₂ equivalent./m³] (approx.)	420

Additional technical data

Thickness [mm]	Declared thermal resistance [(m ² *K)/W]	s _d value [m]
22	0.45	0.11
35	0.70	0.18

Forms of delivery

Handy formats, e.g. for construction site assembly

Thickness [mm]	Edge profile	Length [mm]	Width [mm]	Length net [mm]	Width net [mm]	Number/pal. [pcs.]	Coverage/pal. gross [m ²]	Coverage/pal. net [m ²]
22	T+G	1880	600	1860	585	104	117.312	113.467
35	T+G	1880	600	1855	575	64	72.192	68.264

Weight and packing

Handy formats, e.g. for construction site assembly

Thickness [mm]	Edge profile	Length [mm]	Width [mm]	Weight/m ² [kg]	Weight/pcs. [kg]	pac./pal. paper/ cardboard (approx) [kg]	pac./pal. plastic (approx) [kg]	pac./pal. wood (approx) [kg]	Weight./pal. (approx.) [kg]
22	T+G	1880	600	5.90	6.4	4.40	1.1	25.5	700
35	T+G	1880	600	9.45	10.7	4.40	1.1	25.5	720

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
- 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.
- Building moisture caused by fresh screed, plaster or paint, for example, must generally be removed by ventilation.
- Dry air must be ensured inside the building during the construction phase.

Installation

Installation in roof and wall areas

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

Additional information

- STEICO*universal* 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
Mail: 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_steicouniversal_gbr-irl_en