

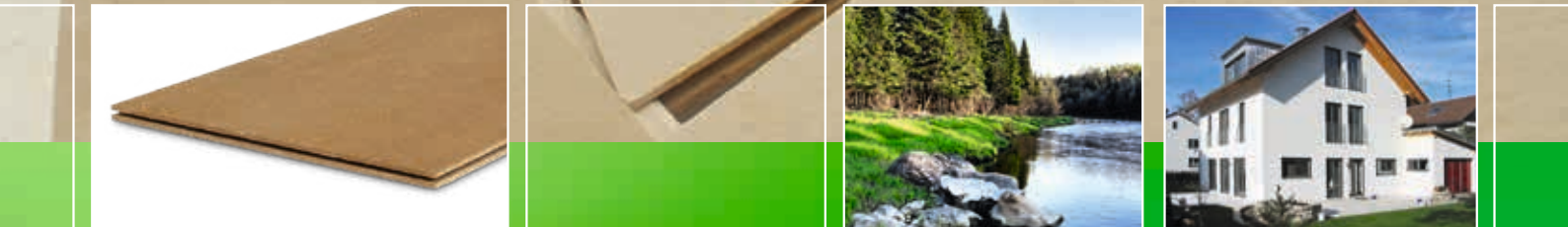
Environmentally friendly insulation system made from natural wood fibres



Reversible boards
Reduced waste

Reversible boards
fully hydrophobic

STEICO*universal* boards can be turned over to optimise usage as both sides allow water to run off



The insulating sarking and sheathing board for new build



Areas of application

Sarking board for roof pitches $\geq 16^\circ$

External walls in conjunction with a rain screen

- Ecological, produced without additional glues
- Excellent heat protection in Summer
- Reduces thermal bridging
- Can be used with air-injected insulation from 35 mm thick
- For roof pitches $\geq 16^\circ$
- May be left exposed for up to 4 weeks during construction
- Sustainable and recyclable like natural wood



The mark of responsible forestry

Packaging of STEICOuniversal

Size [mm]	Cover. dim [mm]	Edge profile	Thickness [mm]	Pieces/pallet	m ² /pallet	Coverage per pallet	Weight [kg/m ²]	Weight/pal. [kg]
Easy to handle format for site installation								
2500 * 600	2480 * 585	T & G	22	104	156.0	150.9	5.83	ca. 1.020
2500 * 600	2480 * 580	T & G	24	98	147.0	140.1	6.36	ca. 1.020
2500 * 600	2475 * 575	T & G	35	66	99.0	93.9	9.28	ca. 1.010
2500 * 600	2475 * 575	T & G	52	44	66.0	62.6	13.78	ca. 1.000
2500 * 600	2475 * 575	T & G	60	38	57.0	54.1	16.20	ca. 1.000

Pallet size: ca. 2.50*1.20*1.22 m; 20 pal./load

Easy to handle format with divisible pallet for ease of use on roofs

2500 * 600	2475 * 575	T & G	52	44	66.0	62.6	13.78	ca. 1.000
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Pallet size: ca. 2.50*1.20*1.30; 20 pal./load

Large board format for factory installation

2800 * 1250	2775 * 1225	T & G	35	33	115.5	112.2	9.28	ca. 1.130
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Pallet size: ca. 2.80*1.25*1.22 m; 16 pal./load

Characteristic values STEICOuniversal

Produced and supervised according	EN 13171 and EN 14964
Board designation	WF – EN 13171 – T5 – DS (70,-)2 – CS(10\Y)200 – TR30 – WS1,0 – AF ₁ 100 EN-14964-IL
Edge design	Tongue & Groove
Fire class according to EN 13501-1	E
Declared thermal conductivity λ_D [W/(m*K)]	0.048
Declared thermal resistance R_D [(m ² *K)/W]	0.45(22)/0.50(24)/0.70(35)/1.05(52)/1.25(60)
Density [kg/m ³]	ca. 270
Water vapour diffusion resistance factor μ	5
S_d -value [m]	0.11(22)/0.12(24)/0.18(35)/0.26(52)/0.30(60)
Short-term water absorption [kg/m ²]	≤ 1.0
Specific heat capacity c [J/(kg*K)]	2.100
Compression strength at 10 % deformation σ_{10} [N/mm ²]	0.20
Compression strength [kPa]	200
Tensile strength perpendicular to face \perp [kPa]	≥ 30
Declared level of airflow resistance [(kPa*s)/m ²]	≥ 100
Ingredients	wood fibre, aluminium sulphate, paraffin, bond between layers
Waste code (EAK/AVV)	030105/170201, Disposable like wood and wood products

Notes: Store flat, level and under cover. Protect edges from damage. Remove plastic foil only when the pallet is on a hard, even surface. Carry single boards vertically. For dust extraction please refer to national requirements. Maximum stacking height = 4 pallets.

Planning and installation documents are available at www.steico.com.



STEICO
engineered by nature

Your STEICO partner

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