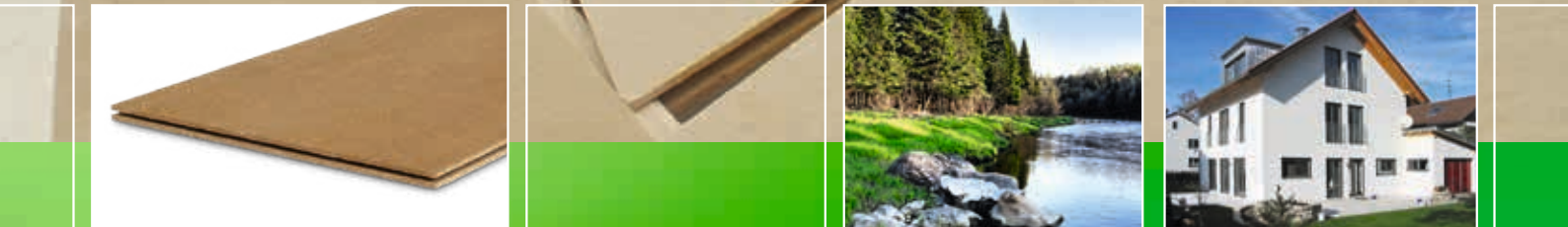


Environmentally friendly insulation system made from natural wood fibres



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



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

www.steico.com