

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 <sup>2</sup> / pallet	Coverage per pallet	Weight [kg/m <sup>2</sup> ]	Weight / pal. [kg]
<b>Easy to handle format for site installation</b>								
2,230 * 600	2,205 * 575	T & G	22	104	139.2	134.8	5.94	approx. 855
2,230 * 600	2,205 * 575	T & G	35	64	85.6	81.1	9.45	approx. 835
2,230 * 600	2,205 * 575	T & G	60	36	48,2	45.6	16.2	approx. 805

Pallet size: ca. 2.25 \* 1.20 \* 1.22 m; 24 pal./truck

## 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,100 EN-14964-IL
Edge design	Tongue & Groove
Fire class according to EN 13501-1	E
Declared thermal conductivity $\lambda_D$ [W/(m*K)]	0.048
Declared thermal resistance $R_D$ [(m <sup>2</sup> *K)/W]	0.45(22) / 0.70(35) / 1.25(60)
Density [kg/m <sup>3</sup> ]	ca. 270
Water vapour diffusion resistance factor $\mu$	5
$S_D$ -value [m]	0.11(22) / 0.18(35) / 0.30(60)
Short-term water absorption [kg/m <sup>2</sup> ]	≤ 1.0
Specific heat capacity $c$ [J/(kg*K)]	2.100
Compression strength at 10% deformation $\sigma_{10}$ [N/mm <sup>2</sup> ]	0.20
Compression strength [kPa]	200
Tensile strength perpendicular to face $\perp$ [kPa]	≥ 30
Declared level of airflow resistance [(kPa*s)/m <sup>2</sup> ]	≥ 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](http://www.steico.com).



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