

# STEICO universal

## Sarking and sheathing boards



### Areas of application

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

External walls in conjunction with a rain screen

### The insulating sarking and sheathing board for new build

- 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

### Environmentally friendly insulation system made from natural wood fibres



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### Packaging of STEICO universal

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 STEICO universal

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 – AFr100 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
Sd-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 $\wedge$ [ 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

**Note:** 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)

