STEICO *universal*

sarking and sheathing boards

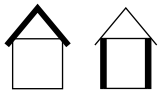
Environmentally-friendly insulation system made from **natural** wood fibres

| AREAS OF APPLICATION

Sheathing board for both pitched roof and wall constructions

Insulated **wall panel** made from natural wood fibres

STEICO*universal* is designed for sheathing timber frame wall panels with stud framing not less than 38 mm in width and at maximum 600 mm centres. The boards can resist weather exposure without deterioration during construction or if cladding is delayed



- High compression strength
- High heat protection during summer months
- Excellent insulation qualities
- Water vapour open, suitable for warm roofs
- Ecological and environmentally friendly, fully recycleable
- Made from FSC® certified woodfibre
- Contributes to airtightness and sound reduction performance

For more information please visit our website at **www.steico.co.uk**

natural resin

Thickness [mm]	Size [mm]	Cover. dim [mm]	Weight [kg / m²]	Pieces/Pallet	m² / Pallet	Coverage per Pallet	Weight / Pal. [kg]
22	2500 * 600	2480 * 585	5.83	104	156.0	150.9	ca. 1.020
24	2500 * 600	2480 * 580	6.36	98	147.0	140.1	ca. 1.020
35	2500 * 600	2475 * 575	9.28	66	99.0	93.9	ca. 1.010
52	2500 * 600	2475 * 575	13.78	44	66.0	62.6	ca. 1.000
60	2500 * 600	2475 * 575	16.20	38	57.0	54.1	ca. 1.000

| MATERIAL

Wood fibre insulation board produced in accordance with EN 13171 and EN 13986 and with ongoing quality supervision

| ADDITIONAL AREAS OF APPLICATION

(according to national regulations).

- external insulation for roofs or floors with staggered joints or under sarking membrane.
- external insulation for roofs or floors, weathering protection, insulation, water resistance.
- interior insulation for floors or roofs, insulation between rafters.
- insulation under a screed.
- external insulation for walls behind a suitable facade.
- insulation for timber structures.

| RECOMMENDATIONS

Flat, level and under cover

Protect edges from damage

Remove plastic foil packing only when the pallet is on hard, dry and even ground carry single boards vertically

For dust extraction please refer to national requirements

| CHARACTERISTIC VALUES STEICO*universal*

Produced and supervised according to	EN 13171 and EN 13986
Board designation	WF–EN 13171–T5–DS(70,-)2–CS(10\Y)200–TR30–WS1,0–AF100; EN 622-4–SB.H–E1
Edge design	Special tongue and groove profiles
Fire class according to EN 13501-1	E
Declared thermal conductivity λ_D [W/(m*K)]	0.048
Declared thermal resistance R_D [(m²*K)/W]	0.45 (22) / 0.50 (24) 0.70 (35) / 1.05 (52) 1.25 (60)
Density [kg/m³]	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/m²]	≤ 1.0
Specific heat capacity [J/(kg*K)]	2.100
Compression strength at 10% deformation σ10 [N/mm²]	0.20
Compression strength [kPa]	200
Tensile strength perpendicular to face ⊥ [kPa]	≥ 30
Declared level of airflow resistance [(kPa*s)/m²]	≥ 100
Raw material – natural resin	wood fibre, aluminium sulphate, paraffin, bond between layers
Waste code (EAK)	030105 / 170201

CE

FSC

STRUCTURAL TIMBER ASSOCIATION
Building solutions in timber

Production certified accor. to ISO 9001:2008

Member of WWF

STEICO
engineered by nature

Your STEICO Agent

www.steico.co.uk