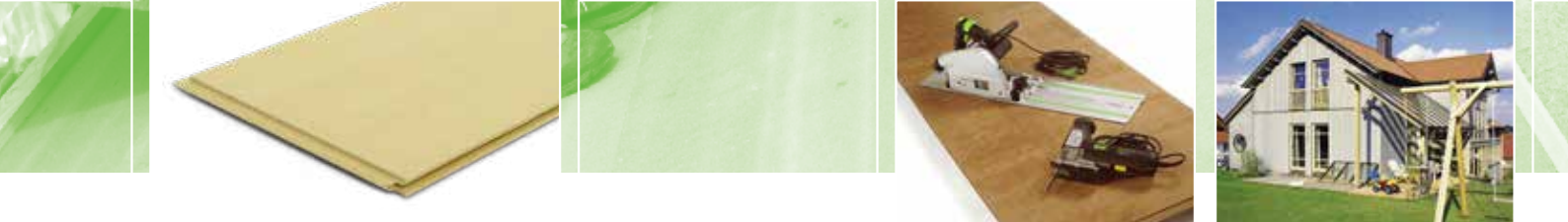


STEICO *universal dry*

sarking and sheathing boards

Environmentally-friendly insulation system
made from natural wood fibres

NEW!
Dry process production.



AREAS OF APPLICATION

Sheathing board for both pitched roof and wall constructions.

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

STEICO *universal dry* 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.

- Available in thicknesses up to 160 mm
- High specification lightweight homogenous board
- Excellent insulation qualities
- Enhances airtightness performance
- Water vapour open, suitable for warm roofs
- May be left exposed for up to 4 weeks during construction
- For roof pitches $\geq 16^\circ$
- Helps to regulate the indoor climate
- Ecological and environmentally friendly, fully recyclable

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



BOARD DIMENSIONS AND PACKAGING SPECIFICATIONS OF STEICO *universal dry*

Thickness [mm]	Size [mm]	Cover. dim. [mm]	Weight [kg/m ²]	Pieces/Palett	m ² /Palett	Coverage/Pal. [m ²]	Weight./Pal. [kg]
35	2500 * 600	2475 * 575	7.35	66	99.0	93.9	ca. 715
40	2500 * 600	2475 * 575	8.40	56	84.0	81.2	ca. 710
52	1880 * 600	1855 * 575	9.36	44	49.6	46.9	ca. 490
60	1880 * 600	1855 * 575	10.80	38	42.9	40.5	ca. 500
80	1880 * 600	1855 * 575	14.40	28	31.6	29.9	ca. 490
100	1880 * 600	1855 * 575	18.00	22	24.8	23.5	ca. 480

CHARACTERISTIC VALUES STEICO *universal dry*

MATERIAL

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

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.

Produced and supervised according to	EN 13171
Board designation	WF – EN 13171 – T5 – CS(10\Y)180 – TR25 – WS1,0 – MU3
Edge design	Special tongue and groove profiles
Fire class according to EN 13501-1	E
Declared thermal conductivity λ_D [W/(m*K)]	0.045 (35 mm) / 0.043 (52 - 100 mm)
Declared thermal resistance R_D [(m ² *K)/W]	0,75 (35)/1,20 (52)/1,40 (60) / 1,85 (80) / 2,30 (100)
Density [kg/m ³]	ca. 210 (35 mm) / ca. 180 (52 - 100 mm)
Water vapour diffusion resistance factor μ	3
S_d value [m]	0,11 (35) / 0,16 (52) / 0,18 (60) / 0,24 (80) / 0,30 (100)
Short-term water absorption [kg/m ²]	≤ 1,0
Specific heat capacity [J/(kg*K)]	2.100
Compression strength at 10% deformation σ_{10} [N/mm ²]	0,18
Compression strength [kPa]	180
Tensile strength perpendicular to face \perp [kPa]	≥ 25
Declared level of airflow resistance [(kPa*s)/m ²]	≥ 100
Raw material – natural resin	wood fibre, polyurethane resin, paraffin wax
Waste code (EAK)	030105 / 170201



STEICO
engineered by nature

Your STEICO Agent

www.steico.co.uk