

STEICO *universal* ^{dry}

sarking and sheathing boards

Environmentally-friendly insulation system
made from natural wood fibres

NEW!
Made in modern
dry process



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.

- Available up to 160 mm thickness
- Very good insulation qualities, prevents thermal bridging
- Easy handling
- Prevents thermal bridging
- Water vapour open, suitable for warm roofs
- Water resistant due to special rebate on roof pitches $\geq 18^\circ$
- May be fully exposed for up to 12 weeks in a temporary condition
- Effective protection against wind, dust, moisture and sound
- Contributes to an excellent room climate
- Ecological and environmentally friendly, recyclable

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



DELIVERY FORMS 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.
35	2500 * 600	2475 * 575	6.30	66	99.0	93.9	ca. 640
60	2500 * 600	2475 * 575	10.80	38	57.0	54.1	ca. 630
80	2500 * 600	2475 * 575	14.40	28	42.0	39.8	ca. 620
100	1880 * 600	1855 * 575	18.00	22	24.8	23.5	ca. 470
120	1880 * 600	1855 * 575	21.60	18	20.3	19.2	ca. 470
140	1880 * 600	1855 * 575	25.20	16	18.1	17.1	ca. 470
160	1880 * 600	1855 * 575	28.80	14	15.8	14.9	ca. 470

MATERIAL

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

for dust extraction please refer to national requirements.

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.

STORAGE / TRANSPORT

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.

CHARACTERISTIC VALUES STEICO^{universal}dry

Produced and supervised according to EN 13171	
Board designation	WF-EN 13171-T3-CS(10\Y)100-TR20-WS1,0-AF100
Edge design	Special tongue and groove profiles
Fire class according to EN 13501-1	E
Declared thermal conductivity λ_D [W/(m*K)]	0.043
Declared thermal resistance R_D [(m ² *K)/W]	0.80 (35) / 1.40 (60) / 1.90 (80) / 2.30 (100) / 2.80 (120) / 3.30 (140) / 3.70 (160)
Density [kg/m ³]	180
Water vapour diffusion resistance factor μ	3
sd value [m]	0.11 (35) / 0.18 (60) / 0.24 (80) / 0.30 (100) / 0.36 (120) / 0.42 (140) / 0.48 (160)
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]	0,10
Compression strength [kPa]	100
Tensile strength perpendicular to face \perp [kPa]	≥ 20
Declared level of airflow resistance [(kPa*s)/m ²]	≥ 100
Raw material	wood fibre, polyurethane resin, paraffin wax
Waste code (EAK)	030105/170201

