

Environmentally-friendly insulation system
made from natural wood fibres



| AREAS OF APPLICATION



Roof insulation on
fully supported substrate.

Insulation for CLT walls.

External insulation for Masonry and
Timber frame construction in
combination with a
rain screen cladding.

Walkways in areas of loose fill
insulation on Attic floors.

- Multifunctional rigid woodfibre insulation board
- Available in tongue & groove profiles, stepped profiles and square edged
- Manufactured in dry process
- Exceptionally light and robust
- Excellent insulation properties in winter and summer
- Water vapour open
- Helps to regulate the indoor climate

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

PACKAGING STEICO^{therm} dry

MATERIAL

Wood for STEICO^{therm} dry comes from sustainable forestry and is independently certified by the FSC® (Forest Stewardship Council®).

ADVICES

Store flat, level and under cover.
Protect edges from damage

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

Max. stacking height: 2 paletts

For dust extraction please refer to national requirements

ADDITIONAL AREAS OF APPLICATION

(according to national regulations)

External insulation for roofs or floors with discontinuously laid coverings or under sarking felt
Interior insulation for floors or roofs, insulation between rafters
External insulation for walls behind a rain screen
Insulation for timber structures

Thickness [mm]	Size [mm]	Edge profile	Weight [kg/m ²]	Pieces / Pallet	m ² / Pallet	Weight/Pal [kg]
40	1,350 * 600	square edge	4.40	56	45.4	ca. 215
60	1,350 * 600	square edge	6.60	38	30.8	ca. 218
80	1,350 * 600	square edge	8.80	28	22.7	ca. 215
100	1,350 * 600	square edge	11.00	22	17.8	ca. 211
120	1,350 * 600	square edge	13.20	18	14.6	ca. 207
140	1,350 * 600	square edge	15.40	16	13.0	ca. 215
160	1,350 * 600	square edge	17.60	14	11.3	ca. 218
180	1,350 * 600	square edge	19.80	12	9.7	ca. 215
200	1,350 * 600	square edge	22.00	12	9.7	ca. 215
220	1,350 * 600	square edge	24.20	10	8.1	ca. 215
240	1,350 * 600	square edge	26.40	10	8.1	ca. 215
260	1,350 * 600	square edge	28.60	8	6.4	ca. 215
280	1,350 * 600	square edge	30.80	8	6.4	ca. 215
300	1,350 * 600	square edge	33.00	8	6.4	ca. 215
140	1,350 * 600	stepped profile	15.40	16	12.7	ca. 215
160	1,350 * 600	stepped profile	17.60	14	10.9	ca. 215
180	1,350 * 600	stepped profile	19.80	12	9.4	ca. 207
200	1,350 * 600	stepped profile	22.00	12	9.4	ca. 229
220	1,350 * 600	stepped profile	24.20	10	7.8	ca. 211
240	1,350 * 600	stepped profile	26.40	10	7.8	ca. 229
60	1,880 * 600	tongue and groove	6.60	38	38.4	ca. 283
80	1,880 * 600	tongue and groove	8.80	28	31.6	ca. 293
100	1,880 * 600	tongue and groove	11.00	22	23.5	ca. 288
120	1,880 * 600	tongue and groove	13.20	18	19.2	ca. 283
140	1,880 * 600	tongue and groove	15.40	16	17.1	ca. 293
160	1,880 * 600	tongue and groove	17.60	14	15.0	ca. 293

CHARACTERISTIC VALUES STEICO^{therm} dry

Produced and supervised according to	EN 13171
Board designation	WF – EN 13171 – T5 – CS(10\Y)50 – TR10 – WS1.0 – MU3
Edge profile	tongue & groove profiles stepped profiles square edged
Density [kg/m ³]	ca. 110
Declared thermal conductivity λ _D [W/(m * K)]	0.037
Declared thermal resistance R _D [(m * K) / W]	1.05(40) / 1.60(60) / 2.15(80) / 2.70(100) / 3.20(120) / 3.75(140) / 4.30(160) / 4.85(180) / 5.40(200) / 5.90(220) / 6.45(240) / 7.00(260) / 7.55(280) / 8.10(300)
Water vapour diffusion resistance factor μ	3
Fire class according to EN 13501-1	E
s _d value [m]	0.12(40) / 0.18(60) / 0.24(80) / 0.3(100) / 0.36(120) / 0.42(140) / 0.48(160) / 0.54(180) / 0.6(200) / 0.66(220) / 0.72(240) / 0.78(260) / 0.84(280) / 0.9(300)
Specific heat capacity c [J/(kg * K)]	2,100
Compression strength at 10% deformation σ ₁₀ [N/mm ²]	0.05
Compression strength [kPa]	50
Tensile strength perpendicular to face ⊥ [kPa]	5
Short-term water absorption [kg/m ²]	≤ 1.0
Raw material	wood fibre, Polyurethane Resin, Paraffin Wax
Waste code (EAK)	030105



Production certified accor. to ISO 9001:2008



STEICO
engineered by nature

Your STEICO Agent

www.steico.com