



| AREAS OF APPLICATION

Rigid insulation from natural wood fibre for wall and roof applications

Sub screed insulation





MATERIAL

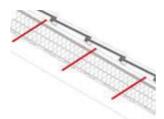
Wood fibre insulation board produced in accordance with EN 13171 and with ongoing quality supervision

Wood for STEICOtherm comes from sustainable forestry and is independently certified by the FSC®

- Multifunctional rigid woodfibre insulation board
- Quick and easy installation
- Excellent insulation properties in winter and summer
- Made from FSC® certified woodfibre
- High compression strength
- Water vapour open
- Helps to regulate the indoor climate
- Ecological and environmentally friendly
- Fully recycleable

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







| PACKAGING STEICOtherm

| 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

Insulation under a screed

External insulation for walls behind a rain screen

Insulation for timber structures

Thickness [mm]	Size [mm]	Edge profile	Weight [kg/m²]	Pieces / Pallet	m²/ Pallet	Weight/Pal [kg]
20+	1,350 * 600	square edge	3.20	116	94.0	ca. 300
30+	1,350 * 600	square edge	4.80	74	59.9	ca. 300
40	1,350 * 600	square edge	6.40	56	45.4	ca. 310
60	1,350 * 600	square edge	9.60	38	30.8	ca. 300
80	1,350 * 600	square edge	12.80	28	22.7	ca. 310
100	1,350 * 600	square edge	16.00	22	17.8	ca. 300
120	1,350 * 600	square edge	19.20	18	14.6	ca. 300
140	1,350 * 600	square edge	22.40	16	13.0	ca. 300
160	1,350 * 600	square edge	25.60	14	11.3	ca. 300
180	1,350 * 600	square edge	28.80	12	9.7	ca. 310
200	1,350 * 600	square edge	32.00	12	9.7	ca. 325
100	1,880 * 600	tongue and groove**	16.00	22	24.8	ca. 420
120	1,880 * 600	tongue and groove**	19.20	18	20.3	ca. 420
140	1,880 * 600	tongue and groove **	22.40	16	18.0	ca. 420
160	1,880 * 600	tongue and groove**	25.60	14	15.8	ca. 420

◆see datasheet STEICOtherm SD

◆◆Coverage dimensions: 1,850 * 570 mm

| CHARACTERISTIC VALUES STEICOtherm

Produced and supervised according to	EN 13171
Board designation	WF - EN 13171 - T4 - CS(10\Y)50 -
	TR2.5 – AF 100
Edge profile	square edged
Fire class according to EN 13501-1	E
Declared thermal conductivity	
$\lambda_D [W/(m*K)]$	0.038
Declared thermal resistance	0.5(20) / 0.8(30) / 1.0(40) / 1.5(60) /
$R_D[(m^2*K)/W]$	2.0(80) / 2.5(100) / 3.1(120) / 3.6(140) /
	4.1(160) / 4.6(180) / 5.1(200)
Density [kg/m³]	ca. 160
Water vapour diffusion resistance factor µ	5
s _d value [m]	0.1(20)/0.2(40)/0.3(60) /0.4(80) /0.5
	(100) /0.6(120) /0.7 (140) /0.8(160)
Specific heat capacity c [J/(kg*K)]	2100
Minimum compression strength at 10%	
deformation σ_{10} [N/mm ²]	0.05
Minimum compression strength [kPa]	50
Tensile strength perpendicular to face	
⊥ [kPa]	≥ 2.5
Declared level of airflow resistance	
[(kPa*s)/m²]	≥ 100
Raw material	wood fibre, bond between layers
Waste code (EAK)	030105/170201
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Production certified accor. to ISO 9001:2008

Member of **WWF** Wood Group



