STEICO therm

rigid insulation

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

AREAS OF APPLICATION

Rigid insulation from natural wood fibre for **wall and roof** applications

Sub screed insulation

STORAGE/TRANSPORT

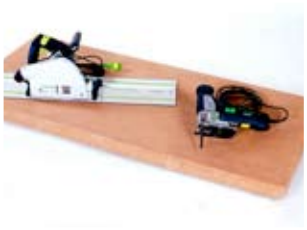
Store flat, level and under cover. Protect edges from damage

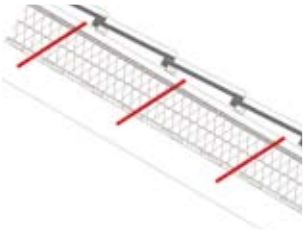
Remove plastic foil packing only when the pallet is on hard, dry and even ground

Max. stacking height: 2 paletts

- Easy and fast fixing
- Excellent insulation properties in winter and summer
- Product made from wood fibres, independently certified by the FSC®
- High compression strength
- Water vapour open
- Enhanced vapour transfer. Helps to regulate the indoor climate
- Ecological and environmentally friendly
- Recyclable
- Fire-resistant and economic construction

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





MATERIAL

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

Wood for STEICO*therm* comes from sustainable forestry and is independently certified by the FSC®

For dust extraction please refer to national requirements

PACKAGING

Thickness [mm]	Size [mm]	Weight [kg/m²]	Pieces/Pallet	m²/Pallet	Weight/Pal. [kg]
20	1350 * 600	3.20	108	87.5	ca. 300
40	1350 * 600	6.40	56	45.4	ca. 310
60	1350 * 600	9.60	36	29.2	ca. 300
80	1350 * 600	12.80	28	22.7	ca. 310
100	1350 * 600	16.00	22	17.8	ca. 300
120	1350 * 600	19.20	18	14.6	ca. 300
140	1350 * 600	22.40	16	13.0	ca. 300
160	1350 * 600	25.60	14	11.3	ca. 300

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

CHARACTERISTIC VALUES STEICO*therm*

Produced and supervised according to EN 13171	
Board designation	WF – EN 13171 – T3 – CS(10\Y)40 – TR2,5 – AF 100
Edge profile	square edged
Fire class according to EN 13501-1	E
Declared thermal conductivity λ_D [W/(m*K)]	0.039
Declared thermal resistance R_D [(m²*K)/W]	0.5/1.0/1.5/2.0/2.5/3.0/3.5/4.0
Density [kg/m³]	ca. 160
Water vapour diffusion resistance factor μ	5
Sd value [m]	0.1/0.2/0.3/0.4/0.5/0.6/0.7/0.8
Specific heat capacity c [J/(kg*K)]	2100
Minimum compression strength at 10% deformation σ_{10} [N/mm²]	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

Printed on FSC® certified paper | Date 06/2009. Valid to subsequent revisions.

CE

FSC The Trademark of FSC (Forest Stewardship Council) identifies products which contain wood from well managed forests according to strict environmental, social and economic standards. Ökotest evaluated the German FSC-Standard as "very good". CERTIFIED BY SGS SGS-COC-0547 FSC TRADEMARK® 1996 FOREST STEWARDSHIP COUNCIL A.C. ÖKO-TEST FSC Forest Stewardship Council Prüfzeichen Holz sehr gut Ratgeber Bauen, Wohnen, Renovieren Nov. 2002

natureplus No. 0104-0307-003-2

Operating site certified according to ISO 9001:2000

STEICO AG Werk Czarnków Z-23.15-1452 MPA NRW

Mixed Sources FSC

STEICO natural building products

Your STEICO Agent

www.steico.com