

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

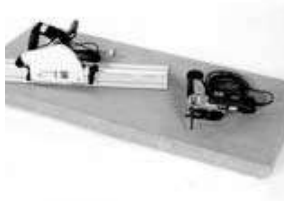
Store flat, level and under cover.  
Protect edges from damage

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

Max. stacking height: 2 pallets

- 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](http://www.steico.com)



## MATERIAL

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

Wood for STEICO<sup>therm</sup> 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/m <sup>2</sup> ]	Pieces / Pallet	m <sup>2</sup> / 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<sup>therm</sup>

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 $\lambda_D$ [W/(m*K)]	0.039
Declared thermal resistance $R_D$ [(m <sup>2</sup> *K)/W]	0.5 / 1.0 / 1.5 / 2.0 / 2.5 / 3.0 / 3.5 / 4.0
Density [kg/m <sup>3</sup> ]	ca. 160
Water vapour diffusion resistance factor $\mu$	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 $\sigma_{10}$ [N/mm <sup>2</sup> ]	0,05
Minimum compression strength [kPa]	50
Tensile strength perpendicular to face $\perp$ [kPa]	$\geq 2,5$
Declared level of airflow resistance [(kPa*s)/m <sup>2</sup> ]	$\geq 100$
Raw material	wood fibre, bond between layers
Waste code (EAK)	030105 / 170201

Printed on FSC® certified paper | Date 02/2010. Valid to subsequent revisions.



**STEICO**  
natural building products

Your STEICO Agent

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