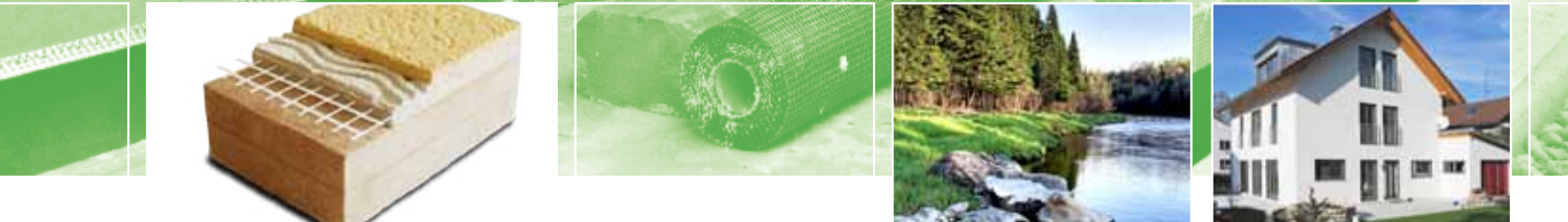


# STEICO *protect*

external thermal insulation composite system

Environmentally-friendly insulation system  
made from natural wood fibres



## | AREAS OF APPLICATION

Wood fibre insulation board for use in External Thermal Insulation Composite Systems (ETICS).



For new build and renovations projects.

- Water vapour open system
- Suitable for use with direct render systems
- Part of a full system of components
- Reduces thermal bridging through the structure
- Excellent thermal characteristics in both the summer and winter
- Tongue & groove profile contributes to building airtightness
- Improves the acoustic performance of the structure
- Good fire resistance
- Simple and economic on site handling
- Sustainable and FSC® certified
- Manufactured from forest thinnings and small diameter logs

For more information please visit our website at [www.steico.co.uk](http://www.steico.co.uk)



## | STEICOprotect BOARD SPECIFICATIONS

Board dimensions – 1,325 mm \* 615 mm. Tongue and groove profile to all 4 sides.

Thickness [mm]	Board Coverage [mm]	Weight [kg / m <sup>2</sup> ]	Pieces per pallet	Pallet Coverage [m <sup>2</sup> ]	Pallet weight [kg]
40	1300 * 590	10.0	56	42.95	ca. 480
60	1300 * 590	15.0	38	29.15	ca. 480
80	1300 * 590	16.8	28	22.82	ca. 383

Coverage per board is approximately 0.77m<sup>2</sup>

### | STORAGE / TRANSPORT

Store STEICOprotect boards lying flat Store in a dry area. Protect edges against damage. Remove foil packing only when the board is ready to be installed.

### | STEICOprotect H TECHNICAL VALUES

Produced and supervised in accordance with EN 13171	
Board designation	WF-EN 13171-T4-TR30-CS(10Y)100-WS1 - MU5
Edge profile	tongue & groove all 4 edges
Fire class according to EN 13501-1	E
Declared thermal conductivity $\lambda_D$ [W/(m*K)]	0.048
Declared thermal resistance $R_D$ [(m <sup>2</sup> *K)/W]	0.80 / 1.20
Board Density [kg/m <sup>3</sup> ]	ca. 265
Water vapour diffusion resistance factor $\mu$	5
Sd value [m]	0.2/0.3
Specific heat capacity [J/(kg*K)]	2.100
Minimum compression strength at 10% deformation $\sigma_{10}$ [N/mm <sup>2</sup> ]	$\geq 0.15$
Minimum compression strength [kPa]	180
Raw material	wood fibre, aluminium sulphate, paraffin, silicate, waterproofing agents, bond between layers
Waste code (EAK)	030105 / 170201



Your STEICO Agent

www.steico.co.uk