

STEICO *protect*

external thermal insulation composite system

Environmentally friendly,
natural wood fibre insulation board



AREAS OF APPLICATION

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



- 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.com



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 ²]	Pieces per pallet	Pallet Coverage [m ²]	Pallet weight [kg]
40	1300 * 590	10	56	42.95	ca. 480
60	1300 * 590	15	38	29.15	ca. 480

Coverage per board is approximately 0.77m²

STORAGE / TRANSPORT

Store STEICOprotect boards lying flat.

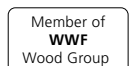
Store in a dry area.

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
Fire class according to EN 13501-1	E
Declared thermal conductivity λ_D [W/(m*K)]	0.048
Declared thermal resistance R_D [(m ² *K)/W]	0.80 / 1.20
Board Density [kg/m ³]	ca. 265
Water vapour diffusion resistance factor μ	5
Sd value [m]	0.2/0.3
Specific heat capacity [J/(kg*K)]	2100
Minimum compression strength at 10% deformation σ_{10} [N/mm ²]	≥ 0.15
Minimum compression strength [kPa]	180
Waste code (EAK)	030105 / 170201
Raw material	wood fibre, aluminium sulphate, paraffin, silicate, waterproofing agents, bond between layers
Edge profile	tongue & groove all 4 edges



Your STEICO Agent

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