

Environmentally-friendly insulation system
made from natural wood fibres



AREAS OF APPLICATION

Floor insulation for **solid wooden floors**
to avoid acoustic bridging

Impact sound and heat insulation for
various types of floors



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

- acoustic insulation against impact and airborne sound
- enables mechanical fixing of the deck to the battens
- excellent insulation qualities
- water vapour open
- enhanced vapour transfer
- helps to regulate the indoor climate
- ecological and environmentally friendly
- recyclable
- product made from wood fibres, independently certified by the FSC®

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



Board

Thickness [mm]	Size [mm]	Cover. dim [mm]	Weight [kg/m ²]	Pieces/Pallet	m ² / Pallet	Coverage per Pallet	Weight / Pal. [kg]
40	1.200 x 380	1.186 x 366	6.40	84	38.3	36.5	ca. 260
60	1.200 x 380	1.186 x 366	9.60	54	24.6	23.4	ca. 250

Battens

Depth [mm]	Width [mm]	Length [mm]	Pieces/Pallet	Weight / Piece [kg]	Batten Requirement [Piece/m ²]
35	50	2.000	45	ca. 2	1.3
55	50	2.000	31	ca. 3	1.3

MATERIAL

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

FSC® certified

For dust extraction please refer to national requirements

ADDITIONAL AREAS OF APPLICATION

(according to national regulations)

Interior insulation for floors or roofs, insulation below rafters

Insulation under a screed

CHARACTERISTIC VALUES STEICO^{floor}

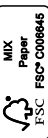
Produced and supervised according to EN 13171

Board designation	WF – EN 13171 – T3 – CS(10\Y)40 – TR2,5 – AF 100
Edge profile	profiles special tongue and groove
Fire class according to EN 13501-1	E
Declared thermal conductivity λ_D [W/(m*K)]	0.039
Declared thermal resistance R_D [(m ² *K)/W]	1.0 (40)/1.5 (60)
Density [kg/m ³]	ca. 160
Water vapour diffusion resistance factor μ	5
sd value [m]	0.2 (40)/0.3 (60)
Specific heat capacity c [J/(kg*K)]	2.100
Minimum compression strength at 10% deformation σ_{10} [N/mm ²]	0.04
Minimum compression strength [kPa]	40
Tensile strength perpendicular to face \perp [kPa]	≥ 2.5
Declared level of airflow resistance [(kPa*s)/m ²]	≥ 100
Raw material	wood fibre, bond between layers
Waste code (EAK)	030105 / 170201



Operating site certified according to ISO 9001:2008

Member of WWF Global Forest & Trade Network



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