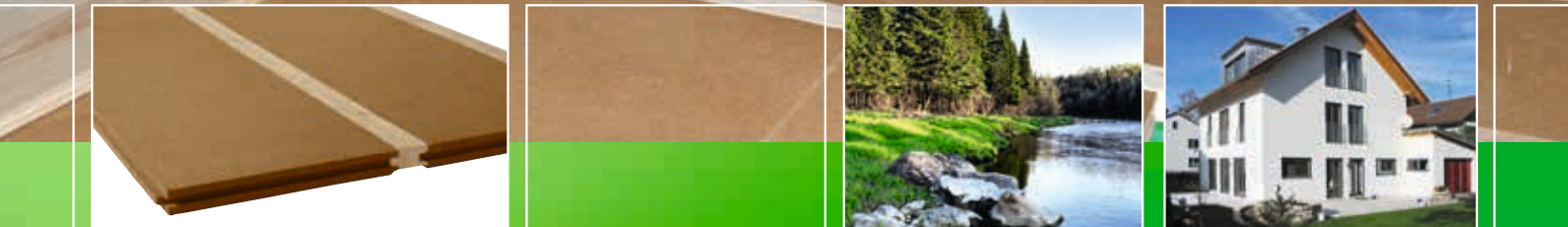
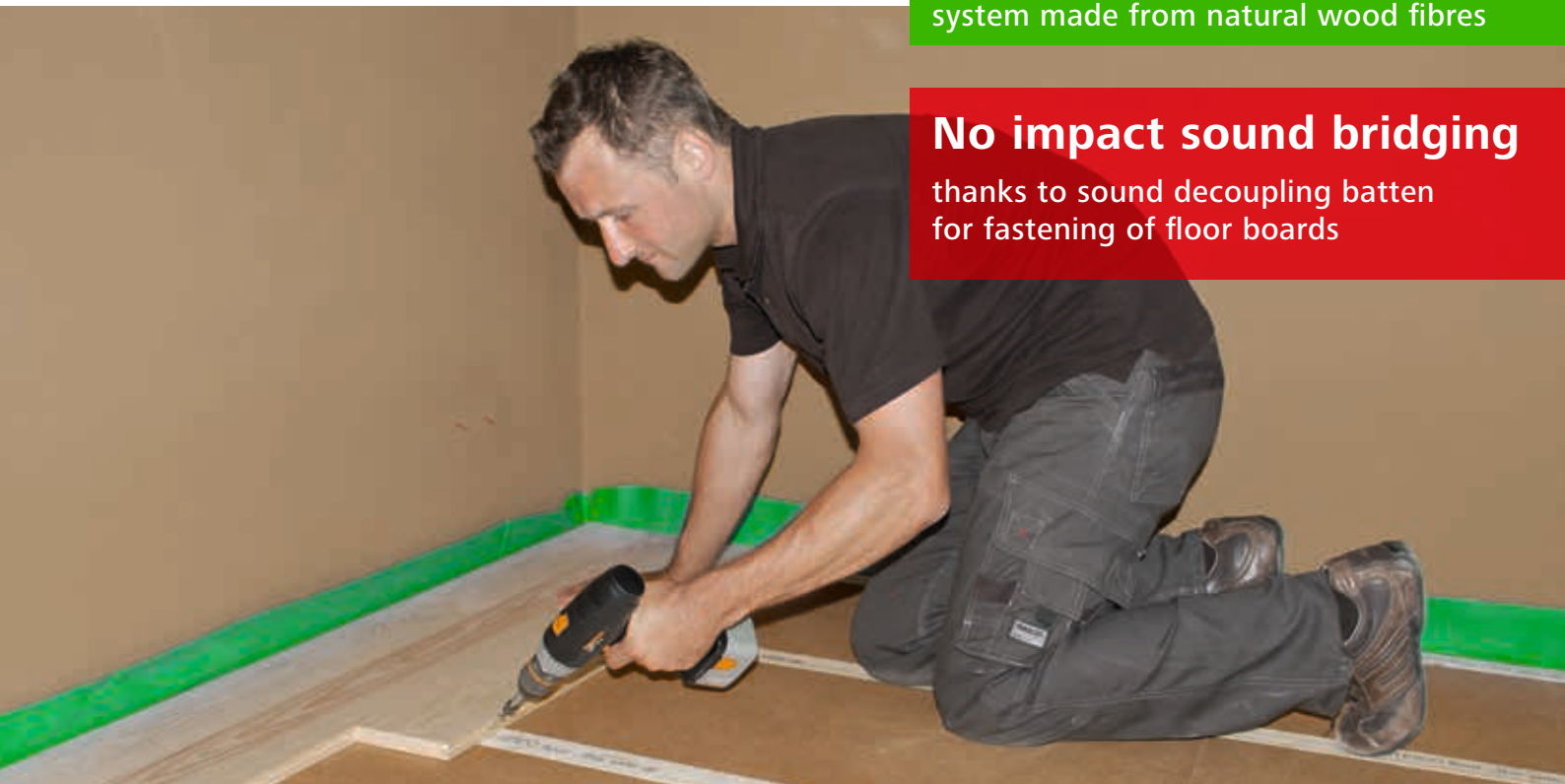


Environmentally friendly insulation system made from natural wood fibres

**No impact sound bridging**  
 thanks to sound decoupling batten for fastening of floor boards



## The installation system for floating floor connection of floorboards



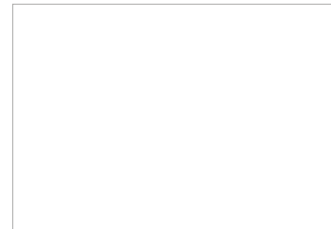
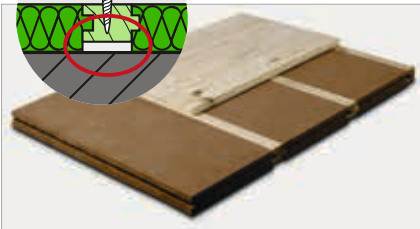
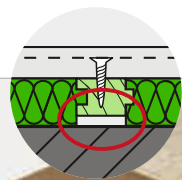
### Areas of application

Floor insulation for solid wooden floors to avoid acoustic bridging

Impact sound and heat insulation for various types of floors

- Excellent impact sound reduction and improves the room acoustics
- Excellent insulation properties
- High sorption capacity contributes to a balanced indoor climate
- Ecological, sustainable and recyclable like natural wood





## Packaging of STEICOfloor

### Board

Thickness [mm]	Size [mm]	Cover. dim [mm]	Weight [kg/m <sup>2</sup> ]	Pieces/pallet	m <sup>2</sup> /pallet	Coverage per pallet	Weight/pal. [kg]
40	1200*380	1186*366	6.40	84	38.3	36.5	approx. 260
60	1200*380	1186*366	9.60	57	26.0	24.8	approx. 260

### Battens

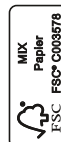
Depth [mm]	Width [mm]	Length [mm]	Pieces/pallet <sup>1)</sup>	Weight/piece [kg]	Batten Requirement [Pieces/m <sup>2</sup> ]
35	50	2000	45	ca. 2	1.3
55	50	2000	31	ca. 3	1.3

## Characteristic values STEICOfloor

Produced and supervised according	EN 13171
Board designation	WF – EN 13171 – T4 – CS(10\Y)50 – TR2.5 – AF, 100
Edge profile	profiles special tongue and groove
Fire class according to EN 13501-1	E
Declared thermal conductivity $\lambda_D$ [W/(m*K)]	0.038
Declared thermal resistance $R_D$ [(m <sup>2</sup> *K)/W]	1.05 (40) / 1.55 (60)
Density [kg/m <sup>3</sup> ]	ca. 160
Water vapour diffusion resistance factor $\mu$	5
$s_d$ value [m]	0.2 (40) / 0.3 (60)
Specific heat capacity $c$ [J/(kg*K)]	2.100
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, Disposable like timber and timber products

**Notes:** Store flat and dry. Protect edges from damage. Transport packaging should only be removed once the pallet is on a safe and level surface.

1) Recommended quantity. Batten also available in single quantities.



**STEICO**  
engineered by nature

Your STEICO partner

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