

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

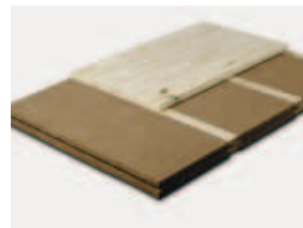
Store flat, level and under cover

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 × 380 | 1.186 × 366 | 6.40 | 84 | 38.3 | 36.5 | ca. 260 |
| 60 | 1.200 × 380 | 1.186 × 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



Your STEICO Agent

www.steico.com