



- Reliable protection from falling objects
- Achieves a flat finished surface
- Ideal for underfloor heating systems
- High compression resistance of 20 t/m² – protects against joint breakages on click systems
- Quick and easy to install and handle
- Contributes to a healthy indoor climate

Application area



- underlay for parquet - Laminate flooring

Technical data

Produced and supervised according to	EN 16354, EN 826
Fire class (RTF) according to EN 13501-1	E fl
Permanent temperature range [°C]	≤100
Declared thermal conductivity [W/(m*K)]	0.05 (according to EN13986, chart1)
Density [kg/m ³]	approx. 260
Water vapour diffusion resistance factor μ	5
Compression strength [kPa]	≥200
Manufacturing process	wet process
Ingredients	wood fibre, aluminium sulphate,
European Waste Code (EWC)	030105/170201, disposal as wood and wood-based materials, waste wood category A II
IS _{LAM} / Impact sound reduction [dB]	21
ΔL_{in} / Impact sound reduction	10
CS / Compressive strength according to EN 826	≥200
DL ₂₅ / Dynamic load resistance	> 150.000
PC / Point compensation capacity [mm]	2
CC / Compressive creep resistance [kPa]	> 50
RLB / Resistance to impact by large diameter ball [mm]	>150.000

Additional technical data

Thickness [mm]	Declared thermal resistance [(m ² *K)/W]	s _d value [m]
10	0.20	0.05

Forms of delivery

Handy formats, e.g. for construction site assembly

Thickness [mm]	Edge profile	Length [mm]	Width [mm]	Number/pal. [pcs.]	Coverage/pal. gross [m ²]
10	SE	790	590	200	93.220

Weight and packing

Handy formats, e.g. for construction site assembly

Thickness [mm]	Edge profile	Length [mm]	Width [mm]	Weight/m ² [kg]	Weight/pcs. [kg]	pac./pal. paper/cardboard (approx) [kg]	pac./pal. plastic (approx) [kg]	pac./pal. wood (approx) [kg]	Weight./pal. (approx.) [kg]
10	SE	790	590	2.60	1.2	0.70	2.7	12.6	260

Notes

Storage

- Store wood fibre boards horizontally, flat and dry
- Protect edges from damage
- Only remove the film packaging when the ambient climate is dry and keep the pallet packing label

Ingredients

- Wood fibre, aluminum sulfate

Disposal

- Disposal of offcuts: Waste code (EWC / AVV) 170201/030105, disposal as wood and wood-based materials, waste wood category II
- Disposal after dismantling: Waste code (EWC / AVV) 170201/030105, disposal as wood and wood-based materials, waste wood category II

Cutting

- The airtight membrane can be cut to size using a sharp knife with a stable ruler

Occupational health and safety

- Comply with local safety regulations for the processing of wood-based materials
- Suitable protective measures must be taken when cutting wood fibre insulation boards. (Dust extraction, dust mask, eye protection)

Building moisture

- Building moisture caused by e.g. fresh screed, plaster or paint must generally be removed by ventilation.
- Drying times for the various elements must be observed.
- Dry air must be ensured inside the building during the construction phase.
- STEICO*silent+* is used in rooms with normal moisture loads. The use in areas with increased moisture load must be clarified in individual cases.
- If the STEICO product becomes damp during storage, it must be dried before processing.

STEICO*silent*+

High-performance sound deadening underlay

Installation

Processing in floor systems

- Before laying wood-fibre boards, they must be acclimatised in closed packaging for 48 hours.
 - When laying on mineral substrates, a separating layer is recommended. This protects the STEICO*silent* + from rising residual moisture.
 - Installation on full-surface substrate
 - STEICO*silent* + must be laid in a bond pattern
 - Maintain edge distances (STEICO*soundstrip*)
 - The local fire protection requirements must be observed in the area of the chimney and heating systems. (Observe clearances)
- This document is based on the German technical data sheet and is intended for general information purposes in an international context. National regulations and building codes must be additionally observed.

EPLF / MMFA

- Fulfills minimum requirements of EPLF
- Not suitable as an underlay for carpet or vinyl floors

Certificates and quality management



☰ Caption

other abbreviations

- pal.** Pallet
T&G Tongue and Groove
pac. Packaging
approx. Approximately
SE square edge
Pcs. Pieces