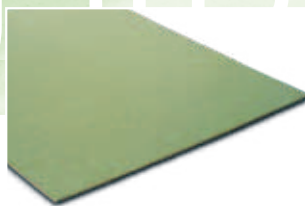


Environmentally-friendly insulation system  
made from natural wood fibres

# handling instruction

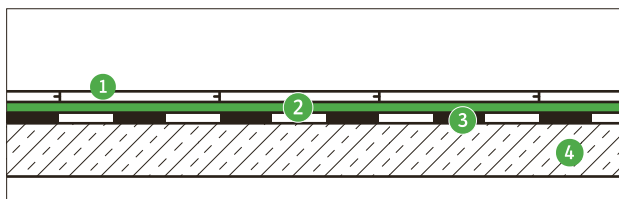


# Handling instruction STEICO*underfloor*

## | PRODUCT DESCRIPTION

STEICO*underfloor* is a wood fibre insulation board produced in accordance with EN 13986 and EN 622-4 and with ongoing quality supervision. It provides outstanding impact sound insulation and improvement of the acoustics as well as excellent insulating qualities.

## | FLOOR STRUCTURE



- 1 Parquet / laminate
- 2 STEICO*underfloor*
- 3 PE foil 0.2 mm
- 4 Raw floor

## | AREAS OF APPLICATION

Impact sound insulation on parquet and laminate floorings up to 19dB improvement of the acoustics on laminate floorings.

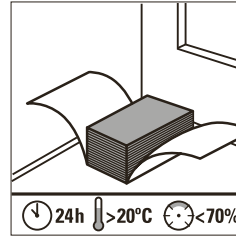
## | TECHNICAL VALUES ACCORDING TO CEN/TC 16354

		3 mm	4 mm	5 mm	7 mm
Protection against unevenness	PC	1.0 mm	1.6 mm	2.0 mm	2.9 mm
Compressive strength	CS	> 150 kPa	> 150 kPa	> 150 kPa	> 150 kPa
Compressive creep resistance	CC	> 50 kPa	> 50 kPa	> 50 kPa	> 50 kPa
Dynamic load resistance	DL <sub>25</sub>	> 150.000 cycles	> 150.000 cycles	> 150.000 cycles	> 150.000 cycles
Thermal resistance	R	0.043m <sup>2</sup> K/W	0.057m <sup>2</sup> K/W	0.071m <sup>2</sup> K/W	0.100m <sup>2</sup> K/W
Water vapour diffusion resistance	SD	0.02 m	0.02 m	0.03 m	0.04 m
Reaction to fire	RTF	E	E	E	E
Resistance to impact by large diameter ball	RLB	> 800 mm	> 800 mm	> 800 mm	> 900 mm
Impact sound	IS <sub>LAM</sub>	19 dB	19 dB	19 dB	19 dB
Fulfills minimum requirement of EPLF		yes	yes	yes	yes

# Handling instruction STEICOunderfloor

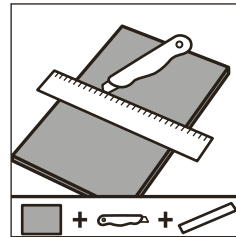
## PREPARATIONS

STEICOunderfloor is a natural product and therefore should be allowed to acclimatise for at least 24 hours (in the room in which it is being used).



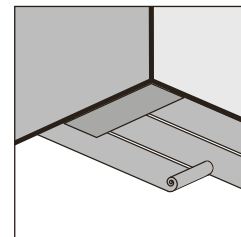
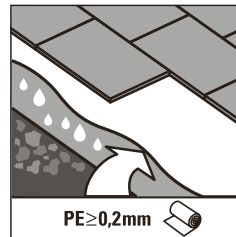
## TOOLS REQUIRED

Can be cut using a suitable utility knife and straight edge.



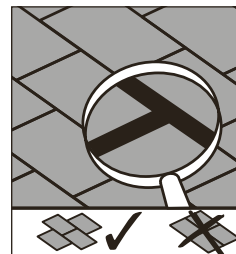
## PRETREATMENT OF THE FLOOR

A fully sealed vapour barrier should be incorporated on all mineral based substrates.



## MOUNTING INSTRUCTION

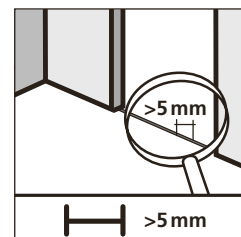
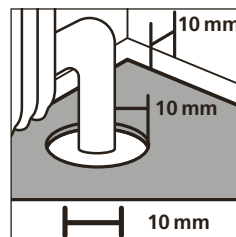
STEICOunderfloor should be laid loose with a stagger of half the board length. A gap of 3 mm should be kept between the individual boards.



## DISTANCES

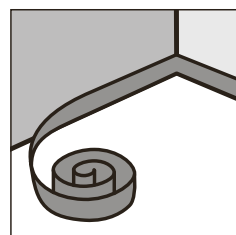
At walls, ducts etc. a minimum edge distance of 10 mm should be maintained.

At panel joints in doorways a minimum gap of 5 mm should be maintained.

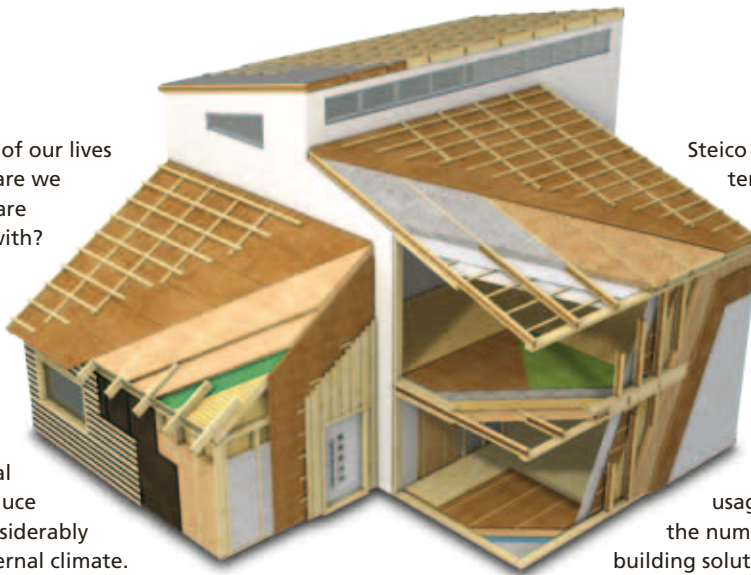


## COMPLEMENTARY PRODUCTS

Use STEICOsoundstrip for noise reduction at connections to rising components such as walls.



We spend approx. 80 % of our lives in enclosed rooms. But are we always aware what we are surrounding ourselves with? STEICO has set itself the target of developing building products which consider the needs of both man and nature. Our products are therefore produced using sustainable natural materials. They help reduce energy use and add considerably to a natural healthy internal climate.



Steico insulation and construction materials, carry a number of distinguished 'seals of approval' which is a sign of high quality, healthy and functional building products. The raw materials used in Steico products are certified by FSC® (Forest Stewardship Council®) and PEFC® (Programme for the Endorsement of Forest Certification®), ensuring a traceable and fully sustainable usage of the raw materials. STEICO, the number 1 choice for your sustainable building solutions.

## Natural Insulation and Construction Systems for New Builds and Renovations – Roof, Ceiling, Wall and Floor



Renewable raw materials without harmful additives



Excellent heat insulation in winter



Excellent summer heat protection



Energy Saving and increased property worth



Weather tight and breathable



Excellent Fire Protection



Excellent sound protection



Environmentally friendly and recyclable



Light and easy to handle



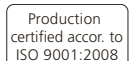
Insulation for healthy living



Strong quality control



Compatible insulation and structural building systems



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