

Underlayment for floating vinyl, LVT, laminate, engineered and parquet floors

Environmentally-friendly insulation system made from natural wood fibres



## | 4 in 1 Underlayment

Excellent impact sound insulation and improvement of the acoustics with Delta IIC 25.

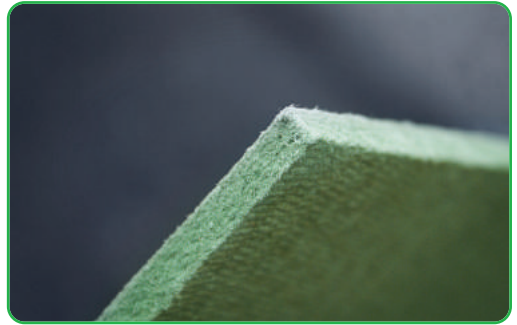
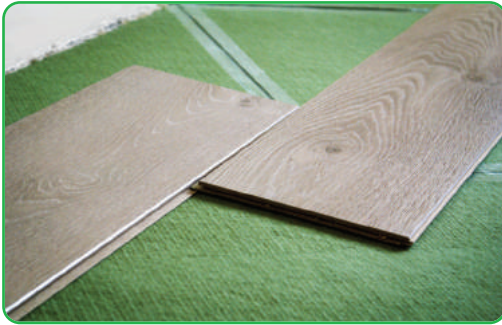
Protects the click-lock system of laminate, engineered and parquet floors with High compression strength of 21.32 PSI

Compensates on floor unevenness up to 1 mm

Flood protectant due to high liquid absorption ability of up to 20% of it's weight!

# FEATURES

- High compressive strength of up to 21.32 psi that Protects the click-lock system of laminate and engineered floors.
- Excellent airborne and impact sound insulation with  $\Delta$  IIC 25 (The dB rating difference between a floor measured with an underlayment andwith no underlayment).
- STEICO/Germany. Made in Europe!
- 100% natural product. No carcinogenic emissions,Sum SVOC: 0 mg/m<sup>3</sup>, produced without adhesives containing formaldehyde.
- Improvement of the acoustics.
- Compensates on small floor unevenness of up to 1mm.
- Water vapor open.
- Quick and easy to install.
- Ideal for use with underfloor radiant heating systems.
- Ecologically and environmentally friendly.
- Recyclable.
- Available in sheets of 3x2', 15 sheets per pack.
- Wood fiber insulation board produced in accordance with EN 13986and EN 622-4 and with ongoing quality supervision.
- The wood comes from sustainably cultivated forests and is certified independently according to the guidelines of the FSC® (Forest StewardshipCouncil®).



Das Zeichen für verantwortungsvolle Waldwirtschaft



Herstellwerk  
zertifiziert gem.  
ISO 9001:2008



## I Technical values according to CEN/TC 16354

		3 mm (1/8")	6 mm (1/4")
Acoustical performance test report	IIC	55	52
ASTM E 90, ASTM E 492, ASTM E 2179	STC	50	50
Specimen Type: 152 mm (6") ConcreteSlab <b>WITHOUT</b> Drop Ceiling	Delta IIC	25	25
Acoustical performance test report	IIC	65	---
ASTM E 90, ASTM E 492, ASTM E 2179.	STC	62	---
Specimen Type: 152 mm (6") ConcreteSlab with Drop Ceiling	Delta IIC	25	---
Acoustical performance*	IIC	75	---
Specimen Type: 203 mm (8") ConcreteSlab with Drop Ceiling	STC	73	---
	Delta IIC	25	
Protection against unevenness	PC	1.0 mm	2.8 mm
Compressive strength	CS	>150 kPa	>150 kPa
Compressive creep resistance	CC	>50 kPa	>50 kPa
Dynamic load resistance	DL25	> 150.000 cycles	> 150.000 cycles
Thermal resistance	R	0.043m <sup>2</sup> K/W	0.090m <sup>2</sup> K/W
Water vapour diffusion resistance	SD	0.02m <sup>2</sup> K/W	0.03m <sup>2</sup> K/W
Reaction to fire	RTF	E	E
Resistance to impact by large diameter ball	RLB	> 800 mm	> 850 mm
Fulfills minimum requirement of EPLF		yes	yes

## I Packaging STEICO wood underlayment

Thickness (mm/inch)	Size (ft)	Weight\Pack (lbs)	Pieces\Pack	ft\Pack	Weight (kg\m2)
3.0 \ 1/8	2x3	18	15	90	0.77
6.0 \ 1/4	2x3	26	15	90	1.35

## I Characteristic values STEICO wood underlayment

Produced and supervised according to	EN 13986
Porous wood fiber insulating board according to	EN 622-4
Board designation	EN 622-4 SB - E1
Edge design	Square edged
Thermal conductivity I [W/(m <sup>2</sup> *K)] accord. to EN 13986, Tab. 11 0.07	0.07
Bulk density r [kg / m <sup>3</sup> ]	ca. 250
Water vapour diffusion resistance factor μ	5
Applied materials	wood fiber, aluminium sulphate, paraffin, dye
Waste code (EAK-Code)	030105 / 170201, Disposal as wood and wood-based material