



- + Now even more eco friendly
- + 25% reduction of footfall and room noise
- + Levels out uneven surfaces
- + Suitable for use with underfloor heating
- + Meets building regulation requirements
- + Awarded an EPD

# KRONOTEX

FLOORS FOR LIVING

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## We stand for environmental protection



Active environmental protection is one of humanity's biggest and most urgent tasks. Every product which leaves our premises must exhibit both excellent value for money and superb environmental credentials.

This starts with the exclusive use of legal, certified raw materials from sustainably managed forests, continues with rigorously monitored production, and also encompasses the subsequent life and ultimate disposal of our products.



### KRONOTEX GMBH & CO. KG

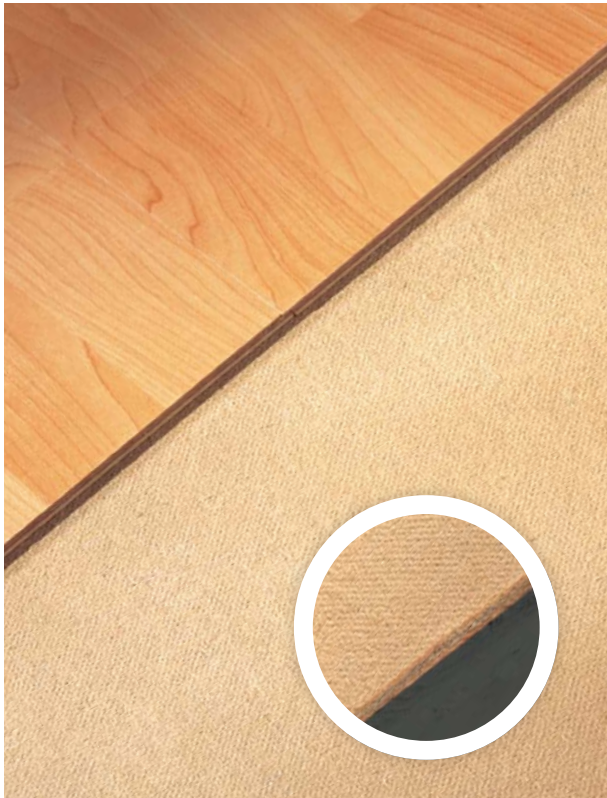
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Member of



## KRONOTEX sound

The sound-proofing underlay for laminate and parquet flooring



## KRONOTEX sound

The new generation –  
now even more eco friendly

KRONOTEX sound is the sound insulation board for effective impact noise reduction on laminate and parquet flooring. It is made of natural wooden fibres, bound with environmentally friendly binders linked in 3 dimensions. This makes it pressure-resistant but at the same time elastic enough to balance out uneven spots in the floor.

Made in  
Germany

### OPTIMISED FREQUENCY RANGES

This highly effective acoustic insulating board excels with high compressive strength and elasticity.

KRONOTEX sound consists of natural wood fibres which are three-dimensionally interlinked with eco-friendly binding fibres in an environmentally sound process. It shifts high frequencies into deeper ranges that are much more pleasant to human ears.

### IMPROVED ATTENUATION OF IMPACT SOUND

The resonance peak is shifted from about 800 Hz to around 320 Hz in a more agreeable range. (The measurement report of an independent testing lab is available on request; ask for PB III/S-05-153-6).

KRONOTEX sound also attenuates impact sound, greatly reducing its transmission to floors below.

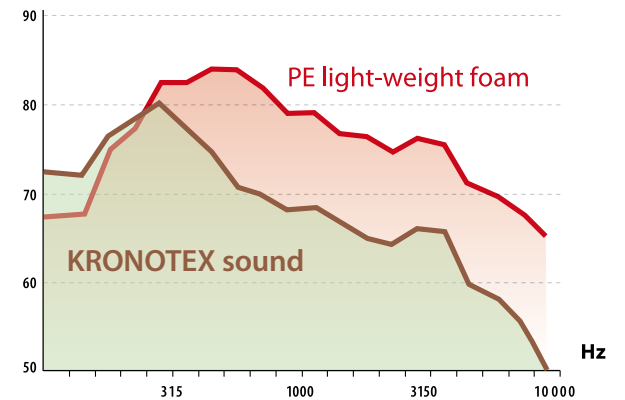
KRONOTEX sound with a thickness of 5 mm  
**improves impact sound by  $\Delta L_w = 21$  dB.**

### ASSESSMENT TABLE

The use of KRONOTEX sound plus yields the following improvements in sound levels:

- + 0.5 dB(A) – Improvement only perceptible under good acoustic conditions
- + 1.0 dB(A) – The threshold at which the improvement becomes noticeable
- + 3.0 dB(A) – Signal energy reduced by half
- + 6.0 dB(A) – Sound level reduced by half
- + 10.0 dB(A) – Subjective volume reduced by half

Noise level in dB



KRONOTEX sound has been awarded an EPD (Environmental product declaration) from the IBU (Institut Bauen und Umwelt e.V.), and through our optimised process is now even more environmentally friendly.

The buildings regulations permit gives permission for our “quiet specialist” to be used in home interiors, as well as having a fire proofing rating class E/E<sub>f</sub> for floors (DIN EN 13501-1).

### Format and packaging unit

<b>FORMAT</b>	800 x 675 x 5 mm
<b>BOX</b>	20 pieces = 10.8 m <sup>2</sup>
<b>PALLET</b>	22 boxes = 237.6 m <sup>2</sup>

