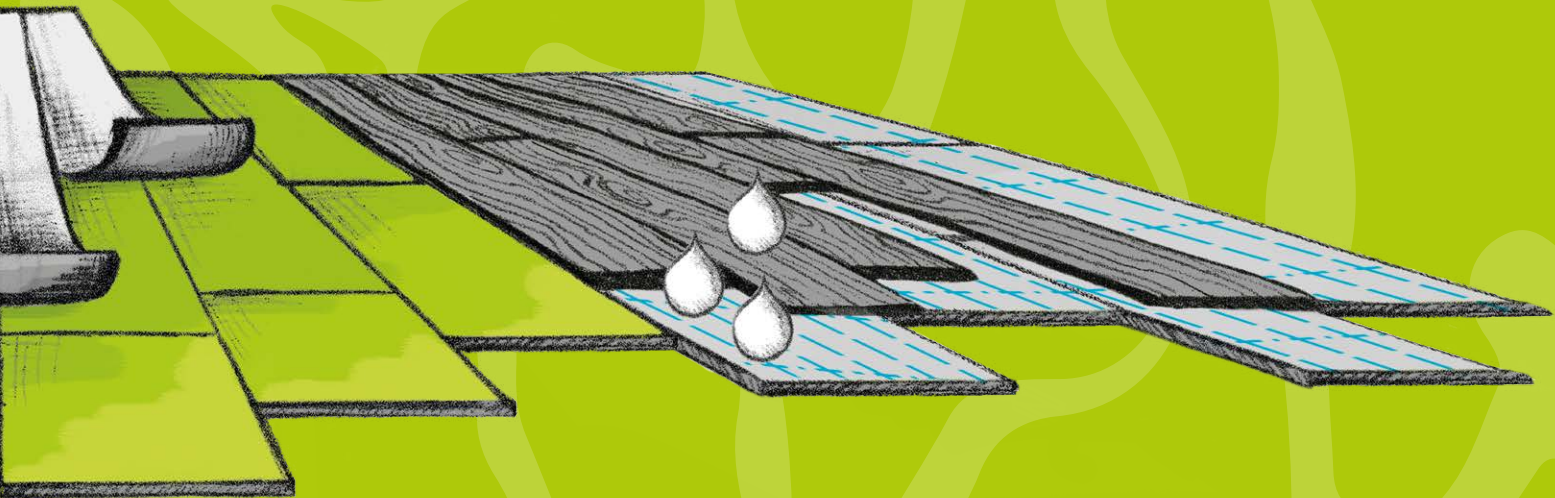


GREEN LIGNIN - ECO-FRIENDLY INSULATION UNDERLAYS WITH THE GECKO EFFECT

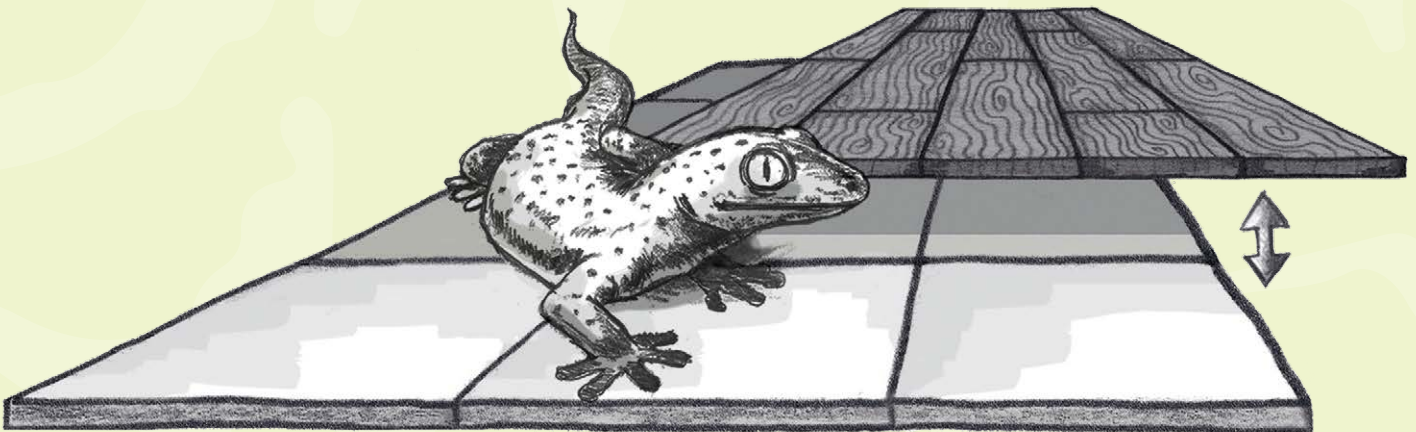


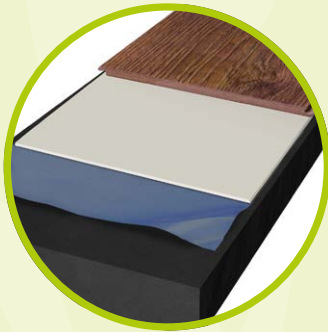
WOOD + STARCH = PEACE & QUIET

GREEN LIGNIN PRODUCTS – ONLY THE BEST UNDER YOUR FEET!

Thinking of installing laminate, parquet, cork, vinyl or designer flooring? Then you should also consider investing in some good floor insulation. A good insulation underlay is essential

for effective soundproofing and is the best way of avoiding the annoyance of noise echoing around your rooms and downstairs neighbours complaining about the sound of footsteps.

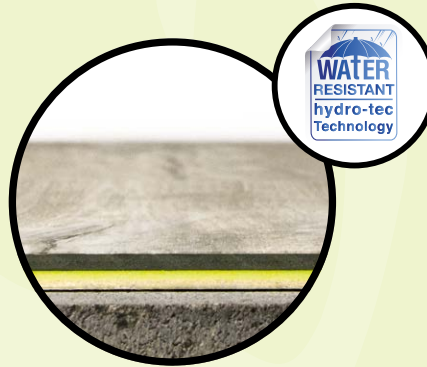




GREEN LIGNIN **basic**

Designed for floating installation under laminate, parquet, cork, vinyl and designer flooring.

NOW
also available with a
new connecting system!



GREEN LIGNIN **anti-slip**



Designed for floating installation of modern vinyl and designer flooring up to 5 mm thick.



GREEN LIGNIN **hydro-tec**

The professional solution with water-repellent hydro-tec properties designed for floating installation under parquet, laminate, vinyl and designer flooring.

NOW
also available with a
new connecting system!

PRODUCT INFORMATION		BASIC	ANTI-SLIP	HYDRO-TEC
Material		Biopolymer	Biopolymer with anti-slip coating	moisture-repellent Biopolymer
Material thickness		1.8 mm *	1.8 mm	1.8 mm *
Grammage		692 g/m ²	708 g/m ²	692 g/m ²
Bulk density		384 kg/m ³	393 kg/m ³	384 kg/m ³
Impact sound insulation under laminate flooring	IS	up to 22 dB	-	up to 22 dB
Impact sound insulation under vinyl flooring	IS	up to 18 dB	up to 20 dB	up to 20 dB
Room sound insulation	RWS	up to 42 %	-	up to 29 %
Suitable for underfloor heating	R	0.0343 m ² K/W	0.0316 m ² K/W	0.0343 m ² K/W
Suitable for click systems		✓	✓	✓
Compressive strength	CS	992 kPa	> 1000 kPa	992 kPa
Compressive creep	CC	> 50 kPa CC3	> 50 kPa CC3	> 50 kPa CC3
Pressure stability		99 t/m ²	102 t/m ²	99 t/m ²
Castor chair test (stress category)		SC 31-33 25,000 rotations	SC 31-33 25,000 rotations	SC 31-33 25,000 rotations
Dynamic load	DL	> 100,000 cycles DL2	> 100,000 cycles DL2	> 100,000 cycles DL2
Standard trade/resale packages		790 x 590 mm 15 sheets approx. 7 m ²	780 x 560 mm 16 sheets approx. 7 m ²	790 x 535 mm 17 sheets approx. 7 m ²
Trade/resale packages with connecting system		780 x 530 mm 18 sheets approx. 7 m ²	-	780 x 530 mm 18 sheets approx. 7 m ²
Reels for industrial application		✓	-	✓

Specific values determined in accordance with CEN/TS 16354. The values comply with the requirements stipulated by the EPLF and the MMFA * Other thicknesses available on request.

BENEFITS OF GREEN LIGNIN AT A GLANCE



outstanding insulation performance



good thermal conductivity



easy to handle



eco-friendly and recyclable



good anti-slip effect
GREEN LIGNIN anti-slip



new connecting system
GREEN LIGNIN basic and **hydro-tec**



highly durable



supports a healthy living environment



suitable for click systems



antistatic



water resistant hydro-tec technology
GREEN LIGNIN anti-slip and **hydro-tec**

GREEN LIGNIN TECHNOLOGIES

OUR GECKO TECHNOLOGY ISN'T ABOUT CLIMBING WALLS – IT'S ABOUT ACHIEVING OPTIMUM ROOM AND IMPACT SOUND REDUCTION.



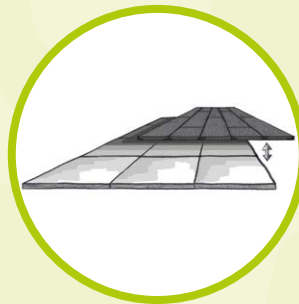
GECKO EFFECT

Thanks to their special surface structure, GREEN LIGNIN products cling to the top layer of flooring like a gecko, achieving outstanding acoustic properties that lead to reductions in both impact and room sound.



BIOPOLYMER STRUCTURE

Lignin supplies the mechanical support that binds fibres together in our biopolymer material, providing KATZ impact sound insulation with enhanced resilience and cell wall stability.



ANTI-SLIP TECHNOLOGY

Thanks to its high coefficient of friction, the innovative anti-slip coating prevents damage to the click system used in floating vinyl and designer flooring.



WATER
RESISTANT
hydro-tec
Technology

HYDRO-TEC TECHNOLOGY*

The hydro-tec technology encapsulates the GREEN LIGNIN fibres, providing temporary protection against moisture.

* Only suitable for indoor use, water-repellent impact sound insulation. Not suitable for use in wet zones (it is important that no moisture penetrates the upper layer of flooring).

THESE PRODUCTS ARE QUITE SIMPLY A GOOD, HEALTHY CHOICE!

MATERIAL - RAW MATERIALS - PRODUCTION PROCESS - CERTIFICATIONS

When you buy GREEN LIGNIN products, you're opting for an eco-friendly option made to rigorous German standards of quality. The company's headquarters in the Black Forest covers all aspects of the value chain, and its manufacturing processes are based firmly on the principles of sustainability. But GREEN LIGNIN products fulfil more than just our own demanding quality standards. All our products are also inspected and approved by independent bodies and testing institutes.

That's why we can proudly state that "GREEN LIGNIN products are quite simply a good, healthy choice". They help promote healthy living and are a great choice for bedrooms and children's rooms.

GUARANTEED CERTIFIED QUALITY



BLUE ANGEL

www.blauer-engel.de/uz156



GUARANTEED NON-POLLUTING AND
EMISSION-FREE: THE "A+" CERTIFICATE



PEFC LABEL

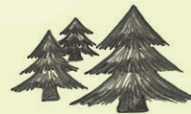


GUARANTEED TECHNICALLY APPROVED:
THE "Ü" CERTIFICATE



MATERIAL

GREEN LIGNIN products are made from natural ingredients. And it's easy to count the ingredients from which the core of the material is made – just wood + starch!



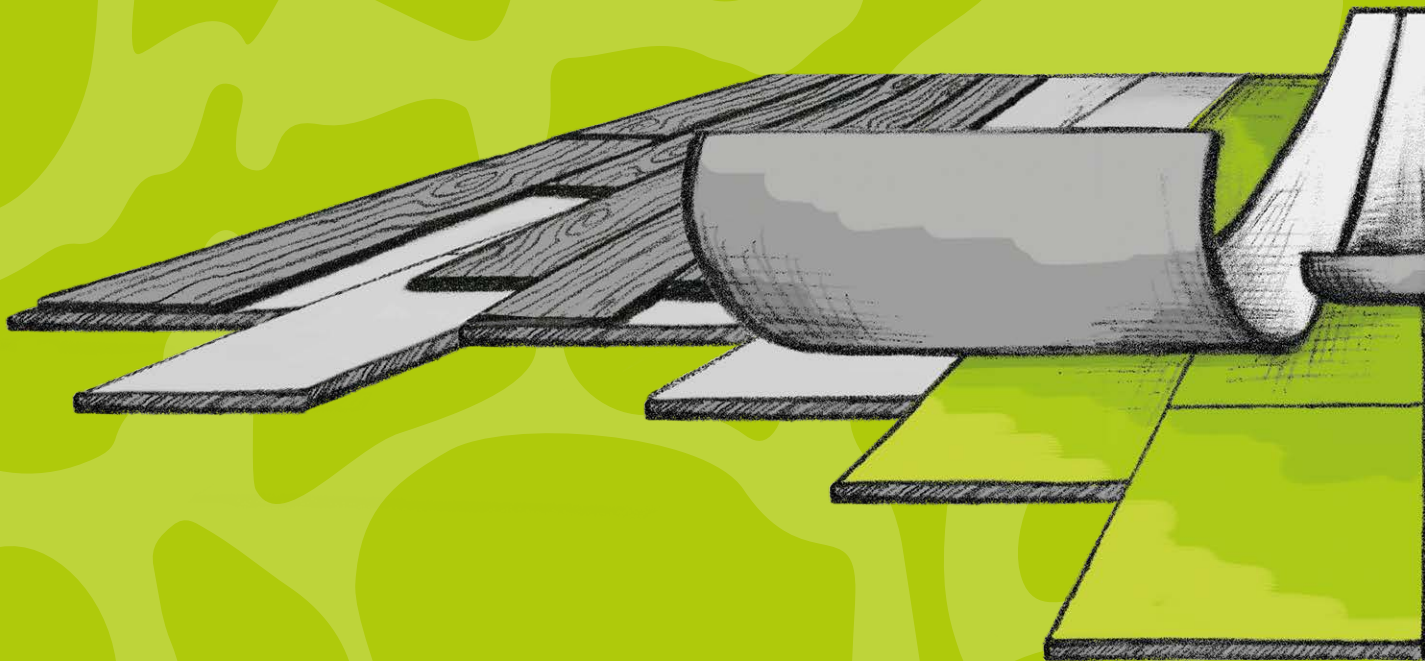
RAW MATERIALS

To produce GREEN LIGNIN products, we use local wood from sustainably managed forests within a 200 kilometre radius and water that flows right past our gates.



PRODUCTION PROCESS

We take an eco-friendly and sustainable approach to our production process, using a state-of-the-art heat recovery system and two in-house hydro plants to maximize energy efficiency and a closed water loop to conserve resources.



We reserve the right to make changes to our product range and product specifications | 0120187GL
Printed on Koehler Ivory Board 165 gsm.



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