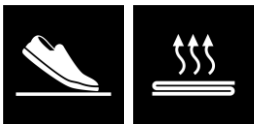
IMPACT SOUND REDUCING INSULATING BOARD



> approved by building authority
> better walking comfort
> very low emission, EC1 PLUS
> reduces impact noise
> stress-reducing underlay

Product description

Stress-reducing decoupling- and noise-reducing mat based on recycled PU foam granulate for use under laminate, parquet, carpet as well as linoleum. No plasticizer migration takes place between underlay and top cover due to the use of special materials.
Can be utilised as noise reducing insulation mat for parquet and laminate floors. Suitable for completely glued or floating laying, depending on top cover. Suitable for underfloor heating systems. Note adhesion instructions!

Delivery format

Container	Outer packaging	Pallet
16 M2 / ROL	-	8 ROL
30 M2 / ROL	-	11 ROL
20 M2 / ROL	-	11 ROL

Storage
Can be stored frost-free, cool, and dry on wooden shelves in the unopened original container for 0 days

Processing

Recommended tools
Notched trowel B 3, cutter knife, shears

Processing
As glued noise reducing insulation mat in connection with parquet:
Cut the Murexin noise reducing insulation mat to size. Then fold back to the middle of the room and adhere the underlay. Parquet adhesives such as Murexin PU 566, PU 505, MS-K 530 or MS-K 539, which are free of plasticizers are suitable for adhesion. Apply adhesive to the prepared substrate with a suitable trowel toothing (B2, B3), depending on the substrate. Place the Murexin noise reducing insulation mat in the adhesive bed and tap or rub it in with a suitable tapping plank. We recommend smoothing outwards from the middle of the membrane. Process the other half of the room in the same way. Sufficient distance is to be kept to the walls and components which are

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touching during adhesion in accordance with the requirements of the top covering. Always lay the membranes closely together for optimum decoupling and noise reducing insulation and push the butts together (not overlapping). After hardening (product and climate-dependent), after 6-24 hours depending on the parquet adhesive used, apply suitable parquet adhesive for the parquet type to be laid with toothing suitable for the parquet type (B3, PK) to the Murexin impact noise-reducing insulation mat and lay the parquet to be glued.

Floating laying:
For floating laying, the Murexin impact noise reducing insulation mat must be cut to size and not fixed. Sufficient distance is to be kept to the walls and components which are touching during adhesion, in accordance with the requirements of the top covering. If using adhesives from other manufacturers, their approvals and specified application areas are binding.

Technical data

Tensile strength	approx. 0.8 N/mm²
Temperature resistance	-30 °C to +80 °C
Material thickness	2, 3, 5 mm
Format	1,000 mm in membranes
Ultimate elongation	approx. 30%
Thermal resistance	0.04 m² K/W at 3 mm

Test certificates

Tested in accordance with (standard, classification ...)
GEV Emicode EC1 Plus, very low emission laying material
DIBT approval Z-158.10-17
Noise reducing according to DIN EN ISO 140-8:
- up to 20 dB glued under PVC
- up to 25 dB glued under carpet
- up to 18 dB glued under solid parquet
- up to 19 dB glued under multi-layered parquet

Fire behaviour according to DIN EN 13501-1: class Efl
Material class according to DIN 4102-1: B2

Substrate

Suitable substrates
Standard mineral substrates
Cement screeds and concrete floors
calcium sulphate screeds
mastic asphalt
wooden substrates
dry screeds
plastered substrates

Must comply with the generally recognised rules of the trade and the procedures for parquet laying as well as the relevant applicable national standards. Also applicable or recommended for special

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consideration are the following standards and data sheets, among others: BIN 18365 "Floor covering work" DIN 18356 "Parquet work" TKB data sheet "Adhesion of parquet" Data sheet of the Central Association of the German Construction Industry (ZDB) "Elastic floor coverings, textile floor coverings and parquet on heated floor constructions" TKB data sheet "Assessment and preparation of substrates for floor coverings and parquet work" BEB data sheet "Assessment and preparation of substrates" DIN EN 14342 "Parquet and wooden floors"

On all substrates which are ready and can be laid according to ÖNORM B 2236/1, DIN 18356, DIN 18365 as well as on old filed and natural stone coverings, adhesive concrete block coverings, mastic asphalt, dry screeds, chipboard, metal, glass etc. on old substrates with adhesive layers of adhesive and plaster as well as on conventional cement and calcium sulphate screeds.

The substrate must be dry, free of frost, solid, load-bearing, dimensionally stable and free of dust, dirt, oil, grease, solvents and loose parts and correspond to the applicable technical national and European guidelines, standards as well as meet the "generally accepted rules of the trade".

Product and processing instructions

Material information:
- When working outside the ideal temperature and/or humidity range, the material properties may change significantly.
- Temper materials accordingly before processing!
- To retain the product properties, no foreign materials may be mixed in!
- Water dosing amounts or thinning specifications must be precisely kept!
- Check coloured products before use for colour accuracy!
- Colour consistency can only be guaranteed within a batch.
- The colouring is significantly influenced by the environmental conditions.

Environmental advice:
- Do not process at temperatures below +15 °C!
- The ideal temperature range for material, substrate, and air is +15 °C to +25 °C.
- The ideal air humidity range is between 40% to 60%.
- Increased humidity and/or lower temperatures delay, lower air humidity and/or higher temperatures accelerate drying, setting, and hardening.
- Ensure sufficient ventilation during the drying, reaction, and hardening phase; avoid draughts!
- Protect from direct sunlight, wind, and weather!
- Protect adjacent components!

Tips:
- We recommend using a test surface first or a small area for initial, small-scale testing.
- Observe the product data sheets of all MUREXIN products used in the system.
- Keep a genuine original container of the respective batch for later repair work.

The information provided reflects average values that were obtained under laboratory conditions. Due to the use of natural raw materials, the indicated values of individual deliveries may vary slightly without impacting the product suitability.

Safety instructions

This leaflet is based on extensive experience, is intended to convey the best of our knowledge, is not legally binding and does neither constitute a contractual legal relationship nor a subsidiary obligation resulting from the bill of sale. The quality of our materials is guaranteed within the framework of our general terms and conditions. Our products may be used by professionals and/or experienced and accordingly technically skilled persons only. Users are not released from inquiring in case of uncertainties or from rendering professional workmanship. We recommend using a test surface first or a small area for initial, small-scale testing. Naturally, it is not possible to describe or foresee all possible current and future uses and peculiarities. Information that is assumed to be familiar to experts has been omitted.
Please observe the current, technical, national and European standards, guidelines and data sheets regarding materials, substrates and the subsequent construction. Please contact us if you have any reservations or doubt.
This version is rendered invalid if a new version is released. The most recent data sheets, safety data sheets and the terms and conditions are available online at www.murexin.com.

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