

Stress-Relieving Board

UZIN Multimoll Top 4

Stress-distributing underlay for bonded wood flooring and laminates

Installation under wood flooring

Description:

Synthetic-resin-bonded, polyester fibre, compressed board of 4 mm thickness as a stress-buffering insulation layer under bonded wood flooring and multi-ply wood flooring. Fully bonded and serves as new substrate for installation of the flooring (see "Important Notes").

Suitable for use on all load-bearing, interior substrates, especially on technically or physically adverse or dubious surfaces, e.g. substrates that are not completely free from deflection or are cracked, existing surfaces with adhesive residues.

Suitable for / on:

- ▶ cement- and calcium sulphate-screeds
- ▶ mastic asphalt screeds
- ▶ concrete
- ▶ stone, ceramics
- ▶ wooden substrates, chipboards
- ▶ pre-finished screed sections
- ▶ domestic and commercial locations
- ▶ renovation and refurbishment work
- ▶ installation under textile and resilient coverings, obtain technical advice

Regarding suitability for warm water underfloor heating systems, see "Important Notes". Not suitable for exterior use.

Product Properties / Benefits:

Multipurpose use: permits pressure-resistant, bonded flooring, disperses shear- and pull- forces between wood flooring and substrate. Ideal for incorporating reliability, under-foot- and ambient- comfort.



- ▶ Increases underfoot- and ambient- comfort
- ▶ Stress-relieving
- ▶ Overall thickness approx. 5 mm
- ▶ Easy to cut and install
- ▶ Heat-resistant and rot-proof
- ▶ Recyclable

Technical Data:

Material:	polyester fibre compressed board
Format:	60 x 100 cm = 0.6 m ²
Thickness:	approx. 4 mm
Packaging unit:	carton with 15 boards = 9 m ² pallet with 200 board = 120 m ²
Weight by area:	approx. 3.8 kg/m ²
Colour:	beige-white
Flammability acc. to DIN 4102:	B2
Tensile strength acc. to DIN 53 457:	approx. 6.7 N/mm ²
Coefficient of elasticity:	approx. 213 N/mm ²
MVP acc. to DIN 52 615:*	approx. 423 g / m ² d
TTR acc. to DIN 52 612:**	approx. 0.04 m ² K/W
Moisture content:	max. 0.1 % by weight
Emissions:	none

* MVP = Moisture Vapour Permeability without covering.

** TTR = Thermal Transfer Resistivity without covering.

Other technical information on request.

Substrate Preparation:

The substrate must be sound, level, dry, clean and free from materials that would impair the adhesion of the UZIN installation materials used. Cement- and calcium sulphate-screeds must be abraded and vacuumed. Test the substrate in accordance with applicable standards and notices and report any deficiencies.

Mechanically remove any weakly bonded or soft surface areas. Make a strong repair of any cracks in floating screeds. Sound hairline cracks can be covered, so long as there is no levels difference under loading. Where there is a risk of rising moisture, surface seal cement-based substrates with UZIN PE 460/PE 480. If necessary, prime and smooth uneven substrates. For the particular substrate, use suitable primers and levelling compounds from the UZIN Product Guide. Refer to the Product Data Sheets for the products used. Mechanically clean, vacuum and prime adequately level, sound substrates using the UZIN primer prescribed for the adhesive.

Application:

1. Lay the boards in bonded pattern and cut in using a trimming knife, jig-saw (fine blade for wood) or circular saw (\varnothing 150 mm, 48-tooth hard metal or 60-tooth chromed). Offset the joints in adjacent rows. At walls, leave a gap of approx. 5 mm on mineral substrates and approx. 15 mm on wooden substrates.
2. Lift the boards from the area and, with trowel notch B 11, apply wood flooring adhesive, UZIN MK 92 S, UZIN MK 95 or UZIN MK 250 onto the substrate (see "Adhesives / Consumption").
3. Lay the board immediately into the fresh adhesive bed and roll well down with a glide roller or press well down over the surface whole area with a rubbing block. Do not exceed the working time for the adhesive and ensure good transfer to the underside of the boards.
4. According to adhesive type, the installed boards are ready for installation of the wood flooring after 12 – 24 hours.
5. In the system, bond the wood flooring with the same adhesive as bonded UZIN Multimoll Top 4. Either UZIN MK 92 S, UZIN MK 95 or UZIN MK 250. Notch size B 11.

Adhesives / Consumption:

Suitable for bonding the UZIN Multimoll Top 4:

UZIN MK 92 S: 2-Component PU Wood Flooring Adhesive – for UZIN Multimoll Top 4 and for wood flooring use each with trowel notch B 11, approx. 1 – 1.2 kg/m².

UZIN MK 95: 1-Component PU Wood Flooring Adhesive – for UZIN Multimoll Top 4 and for wood flooring use each with trowel notch B 11, approx. 1 – 1.2 kg/m².

UZIN MK 250: 1-Component Premium Wood Flooring Adhesive – for UZIN Multimoll Top 4 and for wood flooring use each with trowel notch B 11, approx. 1 – 1.2 kg/m².

Important Notes:

- ▶ Shelf life minimum 2 years when boards are stored flat in dry conditions.
- ▶ Readiness for sanding and sealing of wood flooring laid on UZIN Multimoll Top 4 is according to the details given in the Product Data Sheet for the UZIN wood flooring adhesive used.
- ▶ On underfloor heating systems, the floorings have to correspond to the specifications of DIN EN 1264.
- ▶ UZIN Multimoll Top 4 is not suitable for use in exterior or wet-area locations.
- ▶ Refer to the Product Data Sheets for the UZIN installation products used.
- ▶ Observe the generally acknowledged rules of the trade and technology for the installation of wood flooring as well as the respective applicable standards (e.g. EN, DIN, VOB, OE, SIA, etc.). The following standards and bulletins, amongst others, represent supporting information and are recommended for special attention.
 - DIN 18 356 "Working with wood flooring"
 - TKB publication "Bonding of wood flooring"
 - Technical bulletin of the Central Association of the German Building Construction Trade (ZDB) "Resilient floor covering, textile floor covering and wood flooring on heated under-floor constructions"
 - TKB publication "Assessment and preparation of substrates for floor covering and wood flooring work"
 - BEB publication "Assessment and preparation of substrates"

Protection of the Workplace and the Environment:

No special measures are required. Refer to the notes on protection of the workplace and the environment in the Product Information Sheets for the other installation materials used.

Disposal:

All product residues are treated as normal construction waste.