

## Insulating and Stress-Relieving Underlay

# UZIN Multimoll Softsonic 3 mm

Acoustically insulating, stress-relieving underlay with minimal thickness for bonded wood flooring

### MAIN APPLICATION FIELD:

- ▶ decoupling
- ▶ footstep sound insulation
- ▶ creation of a substrate that is ready for covering

### SUITABLE ON / FOR:

- ▶ calcium sulphate or cementitious screeds, concrete
- ▶ existing substrates requiring refurbishment, on well-bonded residues of adhesives or compounds
- ▶ new P4 - P7 or OSB 2 - OSB 4 boards, screwed
- ▶ existing ceramic and natural stone coverings, terrazzo or similar
- ▶ mastic asphalt screeds
- ▶ precast screeds, screed boards
- ▶ warm water underfloor heating systems
- ▶ suitable for residential and commercial locations



### PRODUCT BENEFITS/FEATURES:

UZIN Multimoll Softsonic is a decoupling and insulating board with a resilient middle layer surrounded by a reinforcement fleece. The boards compensate for any shear and tensile forces between the substrate and the floor covering. The footstep and acoustic insulating properties improve the living comfort. For interior use.

- ▶ 3-in-1: decoupling, footstep and ambient insulation
- ▶ easy to install
- ▶ bridges cracks / hairline cracks
- ▶ better walking and living comfort

### TECHNICAL DATA:

Packaging	carton
Sizes	carton with 16 sheets = 6 m <sup>2</sup>
Shelf life	min. 36 months
Colour	white / grey
Delivery form	16
Tile format	0.5 m x 0.75 m = 0.375 m <sup>2</sup>
Area weight	approx. 3.0 kg/m <sup>2</sup>
Thickness	approx. 3 mm
Thermal transmittance value	17.036 W/m <sup>2</sup> K**
Heat transfer resistance	0.0587 m <sup>2</sup> K/W**
Minimum application temperature	15 °C at ground level
Impact sound reduction	approx. 14 dB*
Building material class	B2 ***

\*according to EN ISO 10 140-3:2010, tested with 2-layer wood flooring 11 mm, bonded with UZIN MK 250. See "Important Notes"

\*\*according to DIN 52 616

\*\*\*according to DIN 4102



## SUBSTRATE PREPARATION:

The substrate must be sound, load-bearing, dry, clean and free from materials (dirt, oil, grease) that would impair adhesion. Cement and calcium sulphate screeds must be abraded and vacuumed. Test the substrate in accordance with applicable standard or notices and report any deficiencies. Any adhesion-reducing or unstable layers, e.g. release agents, loose adhesives, compounds, covering or paint residues, etc. must be removed, e.g. by brushing, abrading, grinding or shot-blasting. Thoroughly vacuum loose material and dust. Strongly repair cracks in floating screeds. Sound hairline cracks can be covered, as long as there is no difference in height when loaded. Use a suitable primer and levelling compound from the UZIN Product Guide according to the type and condition of the substrate.

The datasheets for other used products have to be observed.

## APPLICATION:

For bonding the UZIN Multimoll Softsonic, the following UZIN wood flooring adhesives are suitable:

- ▶ 2-component PU Wood flooring Adhesive UZIN MK 92 S
- ▶ 1-component PU Wood flooring Adhesive UZIN MK 95, before bonding multi-ply wood flooring
- ▶ 1-component STP Wood flooring Adhesive UZIN MK 200 and UZIN MK 250, before bonding of multi-ply wood flooring

### Bonding the UZIN Multimoll Softsonic:

1. Using notched trowel B 3, apply adhesive onto the substrate up to a guide- or chalk- line. Lay the boards into the fresh adhesive with the printed side uppermost and in a brick-bond formation. Cut in edges and immediately press down over the whole surface area with a glideroller or rubbing block. Leave a gap of 3 mm against all structures. Please ensure that the installation direction of the UZIN Multimoll Softsonic boards is at right angles to the proposed direction of the wood flooring.
2. Do not exceed the working time and ensure good adhesive transfer to the underside.
3. Depending on type of adhesive, the installed underlay is ready for wood flooring installation after 12 – 24 hours.

### Bonding the wood flooring onto UZIN Multimoll Softsonic:

Apply the UZIN wood flooring adhesive onto the UZIN Multimoll SoftSonic with trowel notch B 11. Lay the wood flooring into the adhesive bed and press well down. Observe the working time. Ensure the best possible adhesive transfer to the underside of the wood flooring.

### Loose installation of UZIN Multimoll Softsonic:

For floating wood flooring or laminate flooring, lay out and cut in the UZIN Multimoll Softsonic with the printed side uppermost. Leave a gap of min. 3 mm against all fixtures.

## CONSUMPTION:

For bonding UZIN Multimoll Softsonic, the following are suitable:

**UZIN MK 92 S:** 2-component PU Wood flooring Adhesive: For UZIN Multimoll Softsonic, use trowel notch B 3, approx. 1 kg /m<sup>2</sup>. For wood flooring, use trowel notch B 11, approx. 1 – 1.2 kg /m<sup>2</sup>.

**UZIN MK 95:** 1-component PU Wood flooring Adhesive: For UZIN Multimoll Softsonic, use trowel B 3, approx. 1 kg /m<sup>2</sup>. For wood flooring, use trowel notch B 11, approx. 1 – 1.2 kg /m<sup>2</sup>. UZIN MK 95 is for use only with tongue-and-groove wood flooring.

**UZIN MK 250:** 1-component Premium STP Wood Flooring Adhesive: For UZIN Multimoll Softsonic, use trowel B 3, approx. 1 kg /m<sup>2</sup>. For wood flooring, use trowel notch B 11, approx. 1 – 1.2 kg /m<sup>2</sup>. UZIN MK 250 is for use only with tongue-and-groove wood flooring.

**UZIN MK 200:** 1-component STP Wood flooring Adhesive: For UZIN Multimoll Softsonic, use trowel B 3, approx. 1 kg /m<sup>2</sup>. For wood flooring, use trowel notch B 11, approx. 1 – 1.2 kg /m<sup>2</sup>. UZIN MK 200 is for use only with tongue-and-groove wood flooring.

## IMPORTANT NOTES:

- ▶ Shelf life minimum 3 years when stored flat in dry conditions.
- ▶ Do not use in exterior or wet locations.
- ▶ On underfloor heating systems, the floorings to correspond to the specifications of DIN EN 1264.
- ▶ 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”, Ö-Norm B 2218
  - 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 underfloor constructions”
  - TKB publication “Assessment and preparation of substrates for floor covering and wood flooring installation”
  - BEB publication “Assessment and preparation of substrates”

## SEALS OF QUALITY & ECOLABELS:

- ▶ EMICODE EC 1 PLUS / Very low emission
- ▶ DE-UZ 156 / Environmentally friendly because of low emissions

## COMPOSITION:

Mineral fillers and polyurethane binder with bonded fleece on both sides

## PROTECTION OF THE WORKPLACE AND THE ENVIRONMENT:

The product itself does not require any special labour protection measures. 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.