Product Datasheet

Stress-Relieving Underlay

UZIN MULTIMOLL VLIES

Stress-relieving and reinforcing fleece underlay for bonded wood flooring and laminate

MAIN APPLICATION FIELD:

- stress relief from shear and tensile forces
- reinforcement of problematic substrates

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 commercial and industrial locations, e.g. hospitals, shopping malls

PRODUCT BENEFITS/FEATURES:

UZIN Multimoll Vlies is a fleece underlay which relieves tensions from tensile and shear forces between the substrate and the wood flooring. The reinforcing effect, caused by the special fibre structure, offers ensures stability between the substrate and the wood flooring. For interior use.

- relieves tensions
- strong stability due to reinforcing effect
- easy to cut and install
- vapour permeable and breathable
- printed display of remaining amount on the roll

TECHNICAL DATA:

Packaging	rolls
Sizes	1.0 m x 50 m = 50 m²
Shelf life	min. 36 months
Color	white / green
Roll weight	approx. 12.5 kg (netto)
Area weight	approx. 250 g/m²
Thickness	approx. 1.1 mm
Minimum application temperature	15 °C at ground level
Fire reaction	B_{fl}-s1*
Width	1 m

*according to EN 13 501-1:2010

EXTENDED APPLICATIONS:

- increased compound security
- easier renovation works on critical substrates

SUBSTRATE PREPARATION:

The substrate must be sound, load-bearing, dry, free from cracks 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. Use a suitable primer from the UZIN Product Guide according to the type and condition of the substrate. Allow any primer that is applied to dry completely.

The datasheets for other used products have to be observed.

APPLICATION:

1. Allow the rolls to come to room temperature for at least 24 hours prior the installation.
2. Install fleece sheets perpendicular to the installation direction of the wood flooring with the printed side downwards.
3. Roll out fleece sheets and precut. Fold sheets back to the centre.
4. Apply an event coat of UZIN wood flooring adhesive onto the substrate using a suitable notched trowel. Do not apply more adhesive than can be laid with good transfer onto the back of the fleece within the working time. Put down covering section and rub in or roll out firmly. Now use the same procedure for the other half. Rub down well once more after 10 – 20 minutes, especially in the head and seam areas.
5. Depending on the type of adhesive, the installed underlay is ready for wood flooring installations after 12 - 24 hours. Install the wood flooring with the same adhesive that has been used for installing UZIN Multimoll Vlies on the substrate.

Type of Coating	Adhesive	Toothing	Flash-off time	Consumption
	UZIN MK 250	B1 / B2		400 - 800 g/m²
	UZIN MK 92 S	B1 / B2		400 - 800 g/m²

Consumption: At 20 °C and 65% relative humidity, with tempered adhesive buckets.

IMPORTANT NOTES:

- A shelf life of 36 months when stored standing, in moderately cool and dry conditions. Avoid pressure marks.
- Best applied between 18 - 25 °C, substrate temperature above 15 °C and relative humidity below 75%. Low temperatures and high air humidity lengthen the working and drying time. Whilst high temperatures and low air humidity shorten the working and drying time of the adhesives used.
- The substructure of wooden floors must be dry to prevent damage due to damp through rotting or mould formation. Adequate ventilation or rear-ventilation must be provided especially when installing impermeable flooring, e.g. by removing the existing expansion strip or by installing special skirting with vent openings.
- Mastic asphalt screeds must be well-gritted with a sufficiently wide and continous edge joint. Obtain technical advice with old mastic asphalt screeds.
- When bonding UZIN Multimoll Vlies/UZIN Multimoll Vlies Plus with UZIN MK 200 or UZIN MK 250, it must be ensured that the premises are well ventilated, e.g. through open windows or doors. In rooms with no airflow, the movement of air must be ensured by mechanical aids, e.g. blowers / fans.
- Follow the generally acknowledged rules of the trade and technology for the installation of wood flooring in respective of the applicable national standards (e.g. EN, DIN, OE, SIA, etc.)

SEALS OF QUALITY & ECOLABELS:

- EMICODE EC 1 PLUS / Very low emission
- Blue Angel according to DE-UZ 156 / Environmentally friendly because of low emissions
- Suitable for sustainable building certifications according to: DGNB, QNG, BNB, BREEAM, LEED

COMPOSITION:

Polyester fleece.

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.

This product is intended exclusively for professional use by qualified commercial users. It must not be supplied to consumers. The above information is based on our experience and careful investigations. The variety of associated materials and different constructions and working conditions cannot be individually checked or influenced by us. The quality of your work depends, therefore, on your own professional judgement and product usage. If in doubt, conduct a small test or obtain technical advice. Observe the installation recommendations of the floor covering manufacturer. The publication of this Product Data Sheet invalidates all previous product information. The respective updated version of this datasheet can be found on our website under www.uzin.com | 09/2026