

Slip Resistant Tackifier

UZIN U 2100

Slip-resistant dispersion tackifier for loose lay textile floor coverings in sheets and tiles

MAIN APPLICATION FIELD:

- ▶ textile floor coverings with bonded fleece backing in sheets and tiles
- ▶ anti-static textile floor coverings

SUITABLE ON / FOR:

- ▶ low or non-absorbent substrates (e.g. screed, concrete, aluminium, plywood, linoleum, PVC, raised-access and cavity floor)
- ▶ warm water underfloor heating system
- ▶ exposure to castor wheels in accordance with DIN EN 12 529
- ▶ wet shampooing and spray extraction cleaning according to RAL 991 A2
- ▶ for residential, commercial and industrial locations



PRODUCT BENEFITS/FEATURES:

UZIN U 2100 is a special slip-resistant tackifier for use on low or non-absorbent substrates. The dispersion dries to a transparent coat which reduces the potential for slipping and moving of the loose lay textile floor coverings. For interior use.

- ▶ very low consumption
- ▶ anti-static
- ▶ covering can be removed and re-installed easily



TECHNICAL DATA:

Packaging	plastic canister
Pack size	10 kg
Shelf life	min. 12 months
Color, wet	white
Color, dry	white
Consumption	50 - 100 g/m ²
Open time	30 - 60 minutes*
Working time	48 hours*
Minimum application temperature	15 °C at ground level
Loadable	after approx. 48 hours*

*At 20 °C and 65% relative humidity, depending on the type of floor covering and the absorbency of the substrate.



SUBSTRATE PREPARATION:

The substrate must be sound, load-bearing, dry, free from cracks and materials (dirt, oil, grease) that would impair adhesion. The surface must be vacuumed, primed and smoothed. Suitable primers and compounds can be found in the UZIN Product Guide. Wax and cleaner residues on existing and well bonded floor coverings have to be removed with UZIN Basic Cleaner. Test the substrate in accordance with applicable standard or notices and report any deficiencies. Allow the primer and levelling compound to dry completely.

The datasheets for other used products have to be observed.

APPLICATION:

1. Apply an even, very thin coat of tackifier onto the substrate using a foam roller and allow to dry completely. Avoid pooling. The material may never enter the joints of raised-access floor panels, otherwise the panels may stick together. Mask the joints with a tape or maintain a distance.
2. Leave to dry for 30 - 60 minutes, depending on the substrate and the room climate, until the tackifier is completely transparent. Insufficient drying or applying too much material may lead to a permanent bond of the loose lay tiles.
3. Remove adhesive residues while fresh with water.

Foundation/Backing	Application with	Consumption
Low absorbent Fleece backing	Foam roller	70 - 90 g/m ²
Highly absorbent Fleece backing	Microfiber roller	110 - 150 g/m ²

IMPORTANT NOTES:

- ▶ A shelf life of 12 months when stored in moderately cool conditions, in the original packaging. Frost-resistant down to -16 °C. Carefully and tightly reseal opened containers and use the contents quickly. Allow containers to come to room temperature before use.
- ▶ Best applied between 18 - 25 °C, with the floor temperature above 15 °C and relative air humidity below 65%. 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.
- ▶ Humid substrates may cause secondary emissions and odours. Therefore, ensure the compound is dry before applying the adhesive.
- ▶ Installations onto substrates with old adhesive residues may cause interactions and lead to unpleasant odours. Ideally these should be removed completely. In all situations adhesive residues must be remedied via the use of primers and coatings of compound at least 3 mm thick.
- ▶ UZIN U 2100 adheres well to the substrate. The substrate will not be left in its origin state.

- ▶ Very absorbent substrates soak up the thin dispersion and reduce the slip resistant effect. Therefore prime absorbent substrates with a suitable UZIN primer and allow to dry completely.
- ▶ Too thick a coating or insufficient drying can lead to undesirable adhesion.
- ▶ The material may never enter the joints of raised-access floor panels, otherwise the panels may stick together. Mask the joints with a tape or maintain a distance.
- ▶ UZIN U 2100 does not impede dimensional changes of the floor covering.
- ▶ For surface-to-surface conductivity, thoroughly mix UZIN U 2100 with 35% of the conductive additive UZIN PE 262 L (approx. 3.5 kg conductive additive per 10 kg of UZIN U 2100).
- ▶ Before installing, the floor covering must be adequately acclimatised to the indoor climate and be free from tension.
- ▶ Strong deformation of the roll ends, hanging bays, extremely raised edges or strong curvatures must be weighed down during the adhesion.
- ▶ Follow the generally acknowledged rules of the trade and technology for the installation of floor covering in respective of the applicable national standards (e.g. EN, DIN, OE, SIA, etc.)

SEALS OF QUALITY & ECOLABELS:

- ▶ Solvent-free
- ▶ EMICODE EC 1 PLUS / Very low emission
- ▶ Blue Angel according to DE-UZ 113 / Environmentally friendly because of low emissions
- ▶ ECO₂ CHOICE
- ▶ European Model EPD
- ▶ Suitable for sustainable building certifications according to: DGNB, QNG, BNB, BREEAM, LEED

COMPOSITION:

Polymer dispersion, preservation agents, additives and water.

PROTECTION OF THE WORKPLACE AND THE ENVIRONMENT:

Solvent-free. Use of barrier cream and ventilation of the work area are recommended. Keep out of the reach of children. Do not eat, drink or smoke during the installation. After contact with eyes or skin, wash immediately with plenty of water. Do not allow dispersal into drains, sewers or ground. Rinse tools with water and soap immediately after use. When fully dried presents no physiological or ecological risk. Basic prerequisites for best possible indoor air quality following floor covering work are conformity to standards of the working conditions, as well as thoroughly dry substrate, primer and smoothing compound. Product contains isothiazolinones, bronopol. Hotline for allergy information +49 731 4097-0.

DISPOSAL:

Where possible, collect product residues and re-use. Do not allow dispersal into drains, sewers or ground. Empty, scraped and drip-free containers are recyclable. Containers with liquid residue, as well as the liquid product, are classed as Special Waste. Dried product residues are classed as Construction Waste.