

Anti-Slip Coating

UZIN U 2100

Slip-resistant and tackifying dispersion for loose-laid textile flooring in sheet and tile

MAIN APPLICATION FIELD:

UZIN U 2100 is a ready to use, water based dispersion coat, with thin consistency for use on low, or non absorbent substrates. The product dries to a transparent layer on which loose-laid coverings are prevented from slipping or moving. For interior use.

SUITABLE ON / FOR:

- ▶ for textile floor coverings with well-bonded fleece backing in sheets and tiles
- ▶ for antistatic textile floor coverings
- ▶ on levelled, smooth, low or non absorbent substrates (e. g. screed, concrete, aluminium, plywood, existing linoleum or PVC coverings)
- ▶ on access panels and raised floor systems on which a secure fit is required, but where the covering must be easy to remove or change
- ▶ on warm water underfloor heating systems
- ▶ for exposure to castor wheels in accordance with DIN EN 12 529
- ▶ for wet shampooing and spray extraction cleaning according to RAL 991 A2



PRODUCT BENEFITS/FEATURES:

UZIN U 2100 offers an economical consumption and a very good adhesion to the substrate.

- ▶ Very low consumption
- ▶ Fast drying
- ▶ Covering is easy to remove and relay
- ▶ Anti-static



TECHNICAL DATA:

Packaging	plastic canister
Pack size	10 kg
Shelf life	min. 12 months
Colour, wet	white
Colour, dry	transparent
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 subfloor must be level, sound, load bearing, dry, free from cracks, clean and free from material which would impair adhesion (e. g. dirt, oil, grease). The surface should be as smooth as possible and should only be slightly absorbent. On existing, well-bonded floor finishes or similar, remove all traces of wax and maintenance product residues using RZ Grundreiniger and then rinse very thoroughly with clean water. Non absorbent or moisture-sensitive substrates (e. g. mastic asphalt, calcium sulphate or magnesia screeds, existing surfaces) must be levelled at least 2 mm thick. Absorbent and/or rough substrates must be primed and levelled. Suitable primers and levelling compounds can be found in the UZIN product guide. Thoroughly vacuum off all loose material and dust. The substrate must be tested in accordance with applicable standards and bulletins and any deficiencies must be reported. Always allow primer and levelling compound to dry well all the way through.

Refer to the Product Data Sheets for other products used.

Cement and calcium sulphate screeds must, as a special service, be abraded and vacuumed, either as a finishing treatment by the screed installer or as a special and chargeable service by the flooring installer.

APPLICATION:

1. Before use, allow containers to come to room temperature and shake well.
2. Apply material uniformly and thinly with the supplied fine-pored foam roller. Use a wipe-off grid. Avoid pooling. Under no circumstances allow material to flow into the joints in access flooring as there is the risk of bonding the panels. If necessary, seal joints with masking tape or leave a gap at panel edges.
3. According to the type of substrate and climatic conditions, allow to dry 30 – 60 minutes, until the coat is completely transparent. Too thick an application or insufficient drying can lead to unwanted bonding of the textile floor covering.
4. Remove residues while fresh with water.

CONSUMPTION:

The consumption depends on the roughness of the surface, but is approx. 50 - 100 g/m².

IMPORTANT NOTES:

- ▶ Shelf life minimum 12 months in original packaging when stored in relatively cool conditions. Frost resistant up to – 16 °C. Carefully and tightly reseal opened buckets and use the content as quickly as possible. Allow material to reach room temperature before use.
- ▶ Optimum work conditions are 18 – 25 °C, floor temperature above 15 °C and relative air humidity below 75 %. Low temperatures and high air humidity lengthen, whilst high temperatures and high air humidity shorten the drying time.

- ▶ UZIN U 2100 cannot prevent dimensional changes in susceptible floor coverings.
- ▶ UZIN U 2100 bonds extremely well to the substrate. Existing floor coverings cannot be restored to their original condition.
- ▶ Absorbent surfaces, also those prepared with absorbent smoothing compounds, absorb the thin dispersion and reduce the anti-slip effect. Therefore, before application, treat absorbent surfaces with a suitable UZIN primer and allow to dry.
- ▶ Access flooring panels must be well secured, must not rock or make noise when walking on them.
- ▶ Under antistatic, textile floor coverings, offers a satisfactory total contact resistance of 6 – 8 x 10⁸ Ohm in accordance with DIN 54 345
- ▶ The following standards, regulations and publications are applicable and especially recommended:
 - DIN 18 365 “Working with floor coverings”
 - TKB specification sheet “Assessment and preparation of surfaces for floor covering and wood floor covering”
 - BEB specification sheet “Assessment and preparation of surfaces”
 - TKB specification sheet “Adhesion of textile floor coverings”

SEALS OF QUALITY & ECOLABELS:

- ▶ Solvent-free
- ▶ EMICODE EC 1 PLUS / Very low emission
- ▶ DE-UZ 113 / Environmentally friendly because of low emissions

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.