

Stabilising Underlay and Sheet Membrane

UZIN RR 185

Resilient, loose-laid, stabilising and damp-proof underlay

MAIN APPLICATION FIELD:

Flexible, fibre-glass underlay laid loose on the subfloor as a stabilising, isolating and moisture impervious interlayer for bonding new textile, PVC, cushioned vinyl floor coverings and linoleum** in interior locations. Physically separates the covering from the substrate. For use as an exterior waterproofing membrane* only in conjunction with the codex BalkuDrain or codex BalkuSlim System.

SUITABLE ON / FOR:

- ▶ all adequately sound and level surfaces
- ▶ old and new surface finishes such as PVC and cushioned vinyl, linoleum, parquet, stone and ceramic flooring, coatings, etc.
- ▶ on surfaces unfit for direct installation (e.g. oil contamination or excess residual moisture) where damaging interaction between subfloor and covering must be excluded
- ▶ when the covering must be bonded, but the surface of the subfloor must not be damaged and must be later restored to its original condition
- ▶ new textile, PVC and cushioned vinyl flooring with suitable dispersion adhesives onto the stabilising underlay
- ▶ domestic and commercial locations and also exhibitions
- ▶ conjunction with appropriate floor covering, for area exposed to castor wheels in accordance with DIN EN 12 529

Not suitable for use on warm water underfloor heating systems



PRODUCT BENEFITS/FEATURES:

UZIN RR 185 is a loose-laid, resilient fibre glass underlay. It serves as a stabilising, insulating and damp-proof membrane prior to the installation of floor coverings. Due to the cross-shaped nubs on the bottom, a thin air layer is formed between the underlay and the substrate thus allowing physical separation. Old floor coverings can be left intact avoiding complex renovation work. For interior use

- ▶ Minimal thickness
- ▶ Easy to cut and install
- ▶ Impervious and non-absorbent
- ▶ Resistant to water and cleaning systems
- ▶ Easy to remove
- ▶ Ideal for renovation work

TECHNICAL DATA:

Packaging	sheet in rolls
Sizes	2.0 x 25 m = 50 m ²
Shelf life	min. 24 months
Colour	grey
Roll weight	approx. 62.5 kg (netto)
Area weight	approx. 1.25 kg/m ²
Thickness	approx. 1.2 mm
Minimum application temperature	15 °C at ground level and 3 °C above dew point
Elongation at break	5%***
Pull strength	200 N/mm ² ***

*damp-proof membrane in BalkoRapid® System

**obtain technical advice when installing linoleum

***according to DIN 53 504

EXTENDED APPLICATIONS:

- ▶ decoupling
- ▶ removable underlay

SUBSTRATE PREPARATION:

The substrate must be level, sound and clean. Cracks must not be moving, Residual moisture must not exceed 99.9%rh for cementitious screeds and 95%rh for calcium sulphate. Test the substrate in accordance with applicable standards and notices, and report any deficiencies.

Existing coverings must be fully secured and free from maintenance materials or separating agents. Joints in ceramic tiling must not exceed 5 mm.

When using as a waterproof membrane in the codex BalkuDrain or codex BalkuSlim System, refer to the special installation instructions.

Professionally prepared uneven surfaces (levels must meet the requirements of DIN 18 202) and, if necessary, apply primer and smoothing compound. Before laying out the underlay, light abrasion and thorough cleaning of the surface is recommended.

Always allow primers and levelling compounds to dry thoroughly. Refer to the Product Data Sheets for the UZIN products used, as well as the instructions of the covering manufacturer.

APPLICATION:

Installing the underlay:

1. Lay out and cut in the underlay sheet parallel with the proposed direction of the new covering but with joints off-set (min. 50 cm). Cut in any butt-joints as necessary. Side seams can, as a rule, be left untrimmed. Leave a gap of at least 3 mm in general use areas, or 5mm in areas subject to high solar gain or rapid fluctuations in temperature, against any fixtures, including other floor coverings. For cutting, use a hooked blade.
2. Lay a paper strip under the joints of the underlay so as to avoid adhesive contamination getting onto the subfloor or bonding of the edges of the underlay. At junctions between areas, and between rooms and hallways, a trim must be fitted to separate the underlay and to allow movement on both sides of the junction.

Bonding the surface covering:

1. Installation of the new covering onto the underlay is carried out according to normal trade practice for „floor covering work“. Lay out both underlay and covering and allow to acclimatise for 24 – 48 hours. Stresses in the covering should be neutralised by back-rolling, including on the long edges, to counteract the potential for lifting.
2. The underlay is not absorbent. A suitable UZIN flooring adhesive is recommended dependant on the specific covering, e.g. UZIN KE 2000 S for PVC and cushioned vinyl. For carpets, UZIN UZ 57. For Needle Punch, UZIN UZ 57 or KE 603. For PVC Design flooring, UZIN KE 68 or Sigan Elements. Please refer to the Application Chart.

APPLICATION CHART:

Type of Covering	Trowel Notch	Open Time	Consumption
Carpet with Secondary backing with:		Approx.	Approx.
UZIN UZ 57	B1	15 - 25 mins	350 – 450 g /m2
Needlepunch with:		Approx.	Approx.
UZIN UZ 57	B1	15 – 25 mins	350 – 450 g /m2
UZIN KE 603	B2	10 – 20 mins	350 – 550 g /m2
PVC and cushioned vinyl with:		Approx.	Approx.
UZIN KE 2000 S	A1/A5	20 – 40 mins	180 – 280 g /m2
PVC-Design with:		Approx.	Approx.
UZIN KE 68	A1/A	0 – 20 mins	250 – 350 g /m2
Sigan Elements / Elements Plus	5 N/A	Unlimited	75cm x 25 m Roll

IMPORTANT NOTES:

- ▶ Store rolls standing. Protect the sides of the rolls from impact damage.
- ▶ Optimum working conditions are 18 – 25 °C/64 – 77 °F, floor temperature above 15 °C/59 °F, relative humidity below 75 %. Low temperatures and high humidity lengthen, high temperatures and low humidity shorten the working-, setting- and drying- times of the adhesive used.
- ▶ On wooden floors, and floors with high residual humidity, ensure adequate ventilation at the junction with walls, e.g. using ventilated skirtings (source: WESER-Bauprofile GmbH, Tel: 05101-2057, 30966 Hemmingen.)
- ▶ UZIN RR 185 maximum point load must not exceed 3 N/mm² (436 psi). Damage caused to installed finish floor coverings by spiked heels, improper protectors, casters including static load, resting furniture, etc., is not the responsibility of UZIN.
- ▶ For installation of linoleum onto UZIN RR 185, please obtain technical advice. Composition linoleum products, with bonded underlay, cannot be installed on UZIN RR 185.
- ▶ During later floor renovation, the floor covering can be uplifted and disposed along with the attached underlay. Onto the exposed subfloor, a new installation on the stabilising underlay can be repeated.
- ▶ Depending on the local lighting properties, a slight visibility of the joints in the stabilising underlay, in the case of floor coverings with visually sensitive surfaces or relatively thin coverings, cannot be completely excluded.
- ▶ The following standards and notices are applicable and especially recommended:

-DIN 18 365 "Working with floor coverings" /publication of the Federal Association for Screeds and Coverings (BEB)
"assessment and preparation of substrates
– installation of resilient and textile floor coverings, laminates, parquet and wood-blocks
– heated and unheated floor constructions"

SEALS OF QUALITY & ECOLABELS:

► EMICODE EC 1 PLUS / Very low emission

COMPOSITION:

Polymer-bonded glass-fibre 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.