Product Datasheet

Easy Release Underlay

UZIN RR 186 EBOFLEX

Flexible, loose laid underlay for textile and PVC floor coverings

MAIN APPLICATION FIELD:

- underlay
- can be removed without any residues

SUITABLE ON / FOR:

- all level, absorbent and non absorbent substrates
- existing coverings, e. g. PVC / CV floor coverings, linoleum, wood flooring, stone and ceramic coverings
- coated substrates or similar
- prior to installation of dimension stable textile floor coverings with secondary backing without surface limitation
- prior to installation of PVC and CV floor coverings in sheets up to max. 40 m²
- suitable for residential and commercial locations as well as trade fair constructions
- exposure to castor wheels in accordance with DIN EN 12 529 (see "Important Notes")
- wet shampooing and spray extraction cleaning according to RAL 991 A2



PRODUCT BENEFITS/FEATURES:

UZIN RR 186 Eboflex is a flexible, stabilising and loose-laid polyester fleece underlay for use prior to the installation of new, dimension stable textile, PVC and CV floor coverings. The underlay can be removed without any residues and seperates the floor covering of the substrate. Furthermore, UZIN RR 186 Ebofloor is impermeable and water-resistant and therefore suitable for all common cleaning methods. For interior use.

- lies perfectly flat
- low building height
- even surface, ideal for adhesives
- resistance against water & cleaning agents
- can be removed without any residues



GEV-EMICODE EC 1 PLUS very low emission

TECHNICAL DATA:

Packaging	rolls
Sizes	2.0 m x 20 m = 40 m²
Shelf life	min. 24 months
Color	light green
Roll weight	approx. 37 kg (netto)
Area weight	approx. 0.9 kg/m²
Thickness	approx. 1 mm
Thermal transmittance value	83.34 W/m²K (U)*
Heat transfer resistance	0.012 m²K/W (R)*
Minimum application temperature	15 °C at ground level
Width	2 m

*according to EN 12 667, see "Important Notes"

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UZIN RR 186 EBOFLEX

EXTENDED APPLICATIONS:

- decoupling membrane

SUBSTRATE PREPARATION:

The substrate must be sound, load-bearing, dry, free from cracks and free from materials (dirt, oil, grease) that would impair adhesion. Test the substrate in accordance with applicable standard or notices and report any deficiencies. Existing substrates must be well-bonded and free of any care products or release agents. The joints between ceramic tiles should not be wider than 1 mm. Properly vacuum, prime and level existing substrates. Use a suitable primer and levelling compound from the UZIN Product Guide according to the type and condition of the substrate. Allow the primer and levelling compound to dry completely.

The datasheets for other used products have to be observed.

APPLICATION:

Allow the rolls to come to room temperature for at least 24 hours prior the installation.

Installation of UZIN RR 186 Eboflex:

- Lay out the sheet underlay, parallel with the proposed direction of the covering. Then cut in (e.g. with a hooked knife blade). Cut roll ends if necessary. Longitudinal seams do not need to be cut, but can be underlaid with a paper strip. Leace a gap of approx. 1 mm between the sheets. Leave a gap of some mm to all rising building elements.

Installation of the floor covering on top of UZIN RR 186 Eboflex:

- Install the the sheets according to trade practice for floor covering work. The seams should be placed parallel and offset (min. 50 cm) to the seams of the underlay. Use a suitable adhesive (see "Adhesive Data") for the installation.

Type of Coating	Adhesive	Toothing	Flash-off time	Consumption
Textile floor coverings	UZIN UZ 88	B1	approx. 15 minutes	approx. 400 g/m²
Needle punch	UZIN UZ 88			
PVC / CV floor coverings	UZIN KE 2000 S	A1	10 - 20 minutes	approx. 250 g/m²

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

IMPORTANT NOTES:

- Shelf life minimum 24 months when stored in relatively cool conditions. Store rolls standing so as to 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.
- Only use floor coverings above the underlay, that are suitable according to the manufacturer. Obtain application advice if in doubt.
- The joints of the floor covering sheets should be parallel and offset approx. 50 cm to the joints of the underlay.
- 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.
- On underfloor heating systems, in accordance with DIN 66 095, floor coverings should not exceed a thermal conductivity factor of 0.15 m2K/W. The thermal conductivity of the combined underlay/covering is the sum of their individual values. Combined with the floor covering, the value of 0.15 m2K/W will be exceeded and, therefore, the efficiency of the underfloor heating may be reduced.
- For use below dimension stable textile floor coverings without surface limitation and below PVC / CV sheets up to 40 m² per room.
- The castor wheel and indentation properties of floor coverings can change when used in conjunction with insulating underlays. Contact the flooring manufacturer and obtain technical advice. In general, under office chairs, the use of protective mats is recommended.
- Not suitable for loose-laid use under textile coverings with strong pattern repeat or high internal stress, under floor coverings that tend to shrink, under rubber, linoleum or PO floor coverings as well as under ceramic tiles.
- Despite the high indentation recovery factor of the underlay, some visible, residual indentation in high point-load areas and areas exposed to castor wheels cannot be completely eliminated.
- 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. END, DIN, OE, SIA, etc.)

SEALS OF QUALITY & ECOLABELS:

- EMICODE EC 1 PLUS / Very low emission

COMPOSITION:

Polyester fleece latexed 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.

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

DISPOSAL:

All product residues are treated as normal construction waste.

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