

PVC design flooring dry adhesive film backing

UZIN ELEMENTS®

Residue-free, dimensionally stable dry adhesive for PVC design floor coverings and dirt-trapping mats with PVC backing on smooth substrates or on non-textured floor coverings.

SUITABLE FOR:

- ▶ PVC design floor coverings* up to 3.2 mm thick
- ▶ Homogeneous and heterogeneous PVC floor coverings in tiles
- ▶ Dirt-trapping mats with PVC backing

*UZIN Elements is not suitable for PVC-free LVT or floor coverings. Use UZIN Sigan, UZIN U-Fixx or UZIN Sigaway Original instead.

SUITABLE ON:

Directly bonded to existing floor coverings such as:

- ▶ PVC and CV floor coverings
- ▶ PVC design flooring (smooth)
- ▶ PVC-coated cork flooring
- ▶ Linoleum
- ▶ Rubber flooring (smooth)
- ▶ PUR and epoxy resin coating (smooth, non-porous, at least 3 months old)
- ▶ Artificial stone, terrazzo (smooth, without level differences)

In combination with UZIN PLANUS primer on raw substrates such as:

- ▶ Filler (cementitious, gypsum-based)
- ▶ 2-component PUR levelling compound (e.g. UZIN KR 410)
- ▶ Epoxy resin vapour barriers
- ▶ UZIN RenoTop PLUS
- ▶ MDF boards
- ▶ Metal

Note: For further combinations of other floor covering types and substrates, seek technical advice



PRODUCT BENEFITS/FEATURES:

Special dimension-stabilising adhesive system, double-sided, for full-surface bonding of PVC floor coverings in individual tiles. PVC design floor coverings, PVC tiles and floor covering elements with a PVC backing can be laid without grouting and are guaranteed to be removed later without leaving any residue. Suitable for all project sizes, with no restrictions on surface area. For indoor use only.

- ▶ quick and easy to install
- ▶ The floor covering can be walked on and is ready for use immediately
- ▶ Guaranteed to be removable without leaving any residue
- ▶ Spray extraction cleaning in accordance with RAL 991
- ▶ Heavy-duty use in commercial and industrial settings (e.g. forklift trucks)
- ▶ Hot-water underfloor heating

TECHNICAL DATA:

Packaging	carton
Shelf life	min. 60 months
Color	transparent
Open time	unlimited
Setting time / cure time	none
Ready for foot traffic	immediately after installation
Minimum application temperature	15 ° C at ground level
Loadable	immediately after installation
Joint sealing	immediately after installation

*At 20 °C and 65% relative humidity.



for < Luxury vinyl tiles and PVC tiles

ON > new substrates and existing floor coverings

SUBSTRATE PREPARATION:

- ▶ The substrate must be solid, level, permanently dry, free from cracks, clean and free from any substances that could impair adhesion.
- ▶ Check the substrate in accordance with applicable standards and guidelines and report any defects.
- ▶ Vacuum the surface thoroughly. Wipe existing floor coverings with a damp cloth. Prime and fill other substrates as appropriate.
- ▶ Refer to the UZIN product overview for suitable primers and levelling compounds depending on the substrate, top layer and expected traffic.
- ▶ Thoroughly clean and degrease aluminium and non-rusting metals.
- ▶ Prime substrates requiring priming with UZIN PLANUS and allow to dry thoroughly.
- ▶ Test bonding: Apply UZIN Elements® to the substrate and rub it in. If bubbles form or UZIN Elements® detach from the substrate, degrease the substrate again, remove any dust and, if necessary, seek technical advice.
- ▶ Allow the floor covering and UZIN Elements® to relax and acclimatise sufficiently (48 hours) in the room where they are to be laid, in accordance with the manufacturer's instructions.
- ▶ Refer to the product data sheets for the products used and the floor coverings.

APPLICATION:

Fitting UZIN Elements® edge tape:

- ▶ Apply the edge tape along walls, doors and vertical structural elements to
 - compensate for uneven walls
 - create increased adhesive strength at the edges
 - facilitate bonding in hard-to-reach areas
- ▶ Install UZIN Elements® edge tape butt-jointed or, if overlapping, trim back to the edge

Laying UZIN Elements®:

Unroll UZIN Elements® in the direction of the new floor covering, press down firmly and then trim to fit edge-to-edge, or apply directly edge-to-edge with a maximum joint width of 3 mm. Take care not to damage the existing subfloor. Lay the final strip of UZIN Elements® starting from the wall and trim the overlapping area to fit edge-to-edge. Repack any remaining UZIN Elements® rolls in their original cardboard boxes. Note: Never stick the stronger adhesive side of the film (covered with protective paper) to the subfloor. When installing, only apply as much UZIN Elements® as can be laid with the floor covering on the same day.

Laying the floor covering:

PVC design floor coverings and PVC tiles:

- ▶ Measure the room and lay out the planks/tiles. Mark the starting points of the first row of planks/tiles and, if applicable, the wall frieze on the protective paper using a suitable pencil (soft lead).
- ▶ Place the steel rail along the marked points and align it.
- ▶ Peel the UZIN Elements® backing paper off flat and straight up to the steel strip, then tear the backing paper diagonally upwards along the steel strip. The straight line created in this way serves as the alignment line for the first row of planks/tiles.

- ▶ Stack the protective paper and roll it up (to minimise waste).
- ▶ Lay the planks/tiles along the alignment line without pulling or tension and press down firmly by hand.
- ▶ Continuously pull the protective paper back flat and straight. Lay the floor covering as described. If installation is interrupted, the protective paper can be set aside to protect the UZIN Elements®.
- ▶ Rub or roll the entire surface thoroughly in a criss-cross pattern after installation.

Remove floor coverings without leaving any residue – without damaging the subfloor.

- ▶ First cut the floor covering into strips (approx. 25–50 cm) using a hook knife. Do not damage the subfloor!
 - ▶ Starting from one corner, peel the flooring away from the subfloor using edge tape.
 - ▶ Peel off the floor covering together with UZIN Elements® at an acute or obtuse angle – done!
- UZIN Elements® is generally no longer separable from the back of the floor covering – but can be disposed of with the covering without any problems.

Disposal: Empty cartridges and cardboard packaging are recyclable. Any leftover material can be disposed of as household waste.

IMPORTANT NOTES:

- ▶ Store in an upright position in a dry, cool place away from direct sunlight. Wrap opened rolls back in the protective paper and place them in the original box.
- ▶ Fill MDF board joints and gaps with a stable, cement-based filler.
- ▶ When laying on the impact-sound-insulating renovation board UZIN RenoTop PLUS, a thin layer of a 1K PU primer (e.g. UZIN PE 414 Turbo) can be applied with a trowel before applying Planus. This reliably prevents any swelling of the joint edges.
- ▶ Suitable are PVC floor coverings and textile floor coverings with PVC backing in rolls and tiles that exhibit dimensional changes, tested in accordance with test standards EN ISO 23999, of $\leq 0.40\%$, design floor coverings that exhibit dimensional changes of $\leq 0.25\%$, tested in accordance with the EN ISO 23999 standards. Only design floor coverings and PVC tiles without visually discernible internal stress or warping may be bonded.
- ▶ Resilient floor coverings (with the exception of design floor coverings) must always be welded or grouted. The floor covering manufacturer's instructions must be followed when carrying out the welding or grouting.
- ▶ Welding/grouting can be carried out immediately after bonding.
- ▶ Any texture present on the covered wear layer/substrate may show through on the new covering or impair the adhesive strength. If in doubt, carry out a test installation.

UZIN guarantees all properties specified in the installation instructions for 5 years.

UZIN Elements® complies with VOB Part C, Section 2.7 Adhesives: 'They form a strong and permanent bond and do not impair either the floor covering or the substrate, nor do they cause any odour nuisance after application'.

Observe the generally accepted rules of the trade and technology for floor covering installation in accordance with the applicable national standards (EN, DIN, VOB, OE, SIA, TKB-12). In all cases, independent adhesion tests must be carried out on site prior to application.

The warranty is excluded if:

- ▶ UZIN Elements® is used outdoors, in operating theatres or in vehicle construction.
- ▶ unusual influences, particularly of a chemical or mechanical nature, affect the product.
- ▶ installation or use deviates from the installation instructions (never use UZIN Elements® on stairs or walls).
- ▶ Joints and seams in resilient floor coverings in rolls and tiles (with the exception of design coverings in planks and tiles) have not been thermally or chemically welded or grouted.
- ▶ Discolouration occurs due to chemical reactions between the floor covering and the subfloor.
- ▶ joints or warping form due to dimensional changes in the floor covering.
- ▶ The floor covering has been laid under tension or stress.
- ▶ Moisture affects UZIN Elements®.
- ▶ installation was carried out at temperatures below 15 °C (at floor level!).
- ▶ UZIN Elements® is used in areas with increased thermal stress (e.g. conservatories).
- ▶ no test bonding was carried out.

SEALS OF QUALITY & ECOLABELS:

- ▶ EMICODE EC 1 PLUS / Very low emission
- ▶ Manufacturer-specific EPD
- ▶ Suitable for sustainable building certifications in accordance with: DGNB, QNG, BNB, BREEAM, LEED

COMPOSITION:

Metal-reinforced special film backing, acrylate copolymers, wetting and defoaming agents, paper.

PROTECTION OF THE WORKPLACE AND THE ENVIRONMENT:

The product does not require any special labour protection measures. For reasons of working hygiene, we recommend avoiding eating, drinking and smoking during processing of this product. Store out of the reach of children. For more information refer to www.uzin.com or contact +49 731 4097-0.

DISPOSAL:

Empty shells and the cardboard packaging can be recycled. Material remnants can be disposed of as household waste.