

Premium dry adhesive film carrier

UZIN SIGAN®

Dry adhesive for PVC/CV coverings, chlorine-free or PUR coverings, design coverings, rubber coverings, textile coverings, Kugelgarn and Flotex on smooth substrates or on structure-free coverings

SUITABLE FOR:

- ▶ PVC and CV flooring
- ▶ PVC design coverings up to 1300 mm
- ▶ Homogeneous rubber up to 3.5 mm
- ▶ Vinyl polyester floor coverings or woven vinyl
- ▶ tufted textile floor coverings
- ▶ Kugelgarn®
- ▶ Flotex

SUITABLE ON:

Direct bonding to existing floor coverings such as:

- ▶ PVC, CV coverings, homogeneous/heterogeneous, PVC design coverings (smooth), PVC-coated cork coverings, polyolefin coverings (PO coverings)
- ▶ Linoleum
- ▶ Rubber
- ▶ PUR and epoxy resin coating (smooth, non-porous, at least 3 months old)
- ▶ Artificial stone, terrazzo, ceramic tiles (smooth, without height offset)

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

- ▶ Fillers (cementitious, gypsum-based), 2-component PUR fillers (e.g. UZIN KR 410)
- ▶ Epoxy resin vapour barrier
- ▶ UZIN RenoTop PLUS
- ▶ Plywood and MDF boards
- ▶ Aluminium or metal

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



PRODUCT BENEFITS/FEATURES:

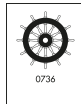
Patented, micro-perforated special film carrier, double-sided adhesive, for laying textile and elastic floor coverings, which can later be removed without leaving any residue. Suitable for all property sizes without surface restrictions. For indoor use.

- ▶ quick and easy to install
- ▶ bubble-free installation thanks to micro-perforation and ventilation channels
- ▶ Flooring can be walked on and loaded immediately, and can be welded/grouted immediately
- ▶ can be removed later without leaving any residue
- ▶ Hot water underfloor heating
- ▶ Spray extraction cleaning in accordance with RAL 991
- ▶ heavy-duty use in commercial and industrial areas (e.g. pallet trucks or forklifts)

TECHNICAL DATA:

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

*At 20 °C and 65% relative humidity.



SUBSTRATE PREPARATION:

- ▶ The substrate must be solid, level, permanently dry, free of cracks, clean and free of substances that could impair adhesion.
- ▶ Check the substrate in accordance with applicable standards and information sheets and report any defects.
- ▶ Thoroughly vacuum, prime and fill the surface or wipe the existing floor covering with a damp cloth.
- ▶ Depending on the substrate, top covering and load, select suitable primers and levelling compounds from the UZIN product overview.
- ▶ Thoroughly clean and degrease aluminium and non-rusting metals, sanding if necessary.
- ▶ Test bonding: Apply UZIN Sigan® to the substrate and rub in. If bubbles form or UZIN Sigan® detaches from the substrate, degrease the substrate again and seek technical advice if necessary.
- ▶ To minimise the formation of joints, allow the floor covering and UZIN Sigan® to relax and acclimatise sufficiently (48 hours) in the room where they are to be laid, in accordance with the manufacturer's instructions.
- ▶ Observe the product data sheets of the products used and the floor coverings.

APPLICATION:

Applying UZIN Sigan® edge tape:

- ▶ Apply edge tape along walls, doors and rising components to
 - Compensate for unevenness in the wall area
 - create increased adhesive strength in the edge area
 - facilitate bonding in hard-to-reach areas
- ▶ Install UZIN Sigan® edge tape butt-jointed or cut back butt-jointed in case of overlap

Laying UZIN Sigan®:

Roll out UZIN Sigan® in the direction of the new floor covering, rub down well and then cut back to fit without overlapping or roll out directly edge to edge with a maximum joint width of 3 mm. Take care not to damage the existing substrate. Lay the last strip of UZIN Sigan® from the wall. Pack the remaining roll of UZIN Sigan® back into the original box. Note: Never stick the more adhesive side of the film (covered with protective paper) to the subfloor. When working, only stick down as much UZIN Sigan® as can be laid with the floor covering on the same day.

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

- ▶ First cut the floor covering into strips (approx. 25–50 cm) using a hook knife. Do not damage the substrate!
- ▶ Starting at one corner, peel the covering away from the substrate using edge tape.
- ▶ Pull off the floor covering together with UZIN Sigan® at an acute/flat angle, and you're done!

When using UZIN Sigan® in combination with Planus, no adhesive residues remain on the substrate! UZIN Sigan® can usually no longer be separated from the back of the floor covering – but can be disposed of with the covering without any problems.

Disposal: Empty tubes and cardboard packaging are recyclable. Material residues 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 pack them in the original box.
- ▶ Metal substrates must be pre-treated with an anti-rust primer.
- ▶ For chipboard P3 / P5 / P7, plywood and MDF board joints and seams, fill with stable, cementitious 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 surface filler before applying Planus. This reliably prevents any swelling of the joint edges.
- ▶ Suitable are PVC and rubber floor coverings as well as textile coverings with PVC backing in sheets and tiles that have dimensional changes, tested in accordance with test standards EN 434 or EN ISO 23999, of $\leq 0.40\%$, design floor coverings with dimensional changes of $\leq 0.25\%$, tested in accordance with test standards EN 434 or EN ISO 23999, and tufted textile floor coverings. Only design floor coverings and PVC tiles without visually recognisable internal tension or warping may be bonded.
- ▶ Elastic floor coverings (with the exception of design floor coverings) must always be welded/grouted. The floor covering manufacturer's instructions must be followed when welding/grouting.
- ▶ Welding/grouting can be carried out immediately after bonding.
- ▶ Any structure present on the covered floor covering/substrate may show through on the new covering or impair the adhesive strength. If in doubt, carry out a test bonding.
- ▶ Moisture rising from the substrate cannot diffuse through UZIN Sigan®. Trapped moisture can cause damage to the floor coverings/components underneath.

UZIN grants a 5-year warranty on all properties guaranteed in the processing instructions.

UZIN Sigan® complies with VOB Part C, Pt. 2.7 Adhesives: "They form a strong and durable bond and do not impair the floor covering or substrate and do not 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, Merkblatt TKB-12).

In any case, you must carry out your own adhesive tests on site before application.

The warranty is void if:

- ▶ UZIN Sigan® is used outdoors, in operating theatres or in vehicle construction.
- ▶ unusual influences, in particular of a chemical or mechanical nature, act on the product.
- ▶ the product is used/applied in a manner that deviates from the application instructions (never use UZIN Sigan® on stairs or walls).

- ▶ Joints and seams of elastic floor coverings in strips and tiles (except for design coverings in planks and tiles) have not been thermally/chemically welded/grouted.
- ▶ Discolouration occurs due to chemical reactions between the floor covering and the substrate.
- ▶ joints or warping have formed due to dimensional changes in the floor covering.
- ▶ the floor covering has been laid under tension or stress.
- ▶ Moisture affects UZIN Sigan®.
- ▶ the installation was carried out at temperatures below 15 °C (on the floor!).
- ▶ UZIN Sigan® 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
- ▶ Blue Angel according to DE-UZ 113 / Environmentally friendly because of low emissions

COMPOSITION:

Acrylic copolymers, wetting and defoaming agents, plastic film, 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.