

High-performance adhesive Sigan Elements Universal Tape

UZIN Sigan Elements Tape

Quickly bonding new PVC floor covering as single elements dimensionally stable on levelling compound, metal and existing flooring

MAIN APPLICATION FIELD:

Dimensionally stabilising, metal-reinforced special adhesive system, double-sided adhesion, for bonding PVC floor covering in single elements and especially for fabricating reference lines for the installation of PVC luxury floor covering, PVC tiles and floor covering elements with PVC backing, also for non-adhesive PVC luxury floor covering on existing resilient flooring, chipboard and metals in rooms and on stairs. They can be installed without joints and removed later guaranteed without residues. Sigan Elements Universal Tape is the ideal complement to Sigan Elements and Sigan Elements Plus and can be used analogous to their areas of application. Sigan Elements Universal Tape is suitable for wet cleaning processes and for the use of professional scrubbing vacuum cleaners (pooled water should be avoided). Sigan Elements Universal Tape is suitable for underfloor heating and permits usage under high loads and traffic such as chair castors. For interior applications

PRODUCT BENEFITS/FEATURES:

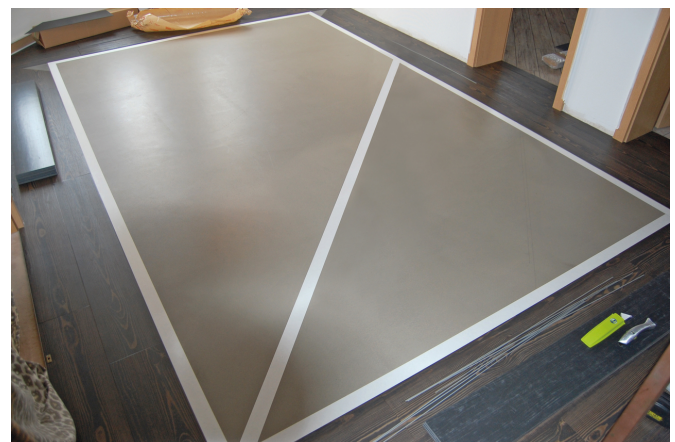
Resilient floor coverings:

- ▶ PVC luxury floor covering
- ▶ PVC tile products
- ▶ Non-adhesive PVC luxury floor covering

SUITABLE ON / FOR:

- ▶ Cementitious levelling compound (sanded) – with Planus primer
- ▶ Calcium sulphate levelling compound (dried and sanded according to manufacturer's recommendation) – with Planus primer
- ▶ Chipboard P3 / P5 / P7, plywood and MDF boards (level butts / joints with low-slump cementitious levelling compound) – with Planus primer
- ▶ UZIN RenoTop PLUS with Planus primer
- ▶ Aluminium and metal – with Planus primer
- ▶ Epoxy resin vapour barrier – with Planus primer
- ▶ PUR levelling compound (e.g. UZIN KR 410) – with Planus primer
- ▶ PVC floor covering (homogeneous / heterogeneous)
- ▶ CV floor covering
- ▶ PVC luxury floor covering
- ▶ PVC-coated cork floor covering
- ▶ Treated linoleum floor covering
- ▶ Rubber flooring
- ▶ PUR and epoxy resin coating (smooth, non-porous, at least 3 months old)
- ▶ Polyolefin floor covering (PO floor coverings)
- ▶ Artificial stone, terrazzo flooring (smooth, without height difference)

Note: For additional combinations of floor covering and subfloor obtain technical advice.



for	PVC luxury floor covering and PVC tiles
ON	levelling compound, chipboard, metal and existing flooring

SUBSTRATE PREPARATION:

- ▶ The substrate must be sound, smooth, permanently dry, free from cracks, clean and free from materials that would impair adhesion.
- ▶ Test the substrate in accordance with applicable standard or notices and report any deficiencies.

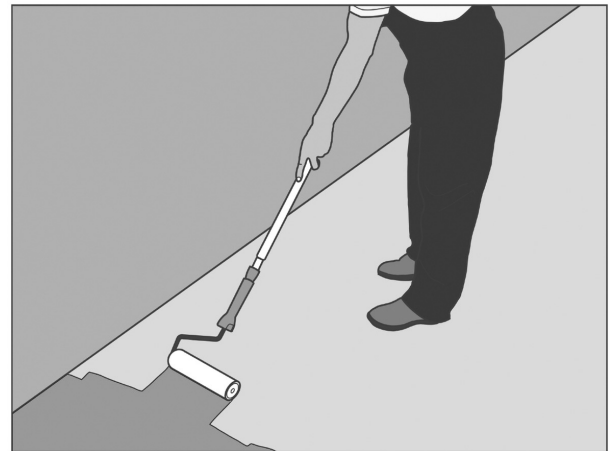
On screed, levelling compound, metal and chipboard:

- ▶ Substrate must be vacuumed, primed and levelled.
- ▶ Use a suitable primer and levelling compound from the UZIN Product Guide according to the substrate, type of floor covering and demands.
- ▶ Allow the primer and levelling compound to dry completely.
- ▶ Properly clean and degrease aluminium and stainless metal and grind if necessary.
- ▶ The datasheets for other used products have to be observed.

On existing resilient floor coverings:

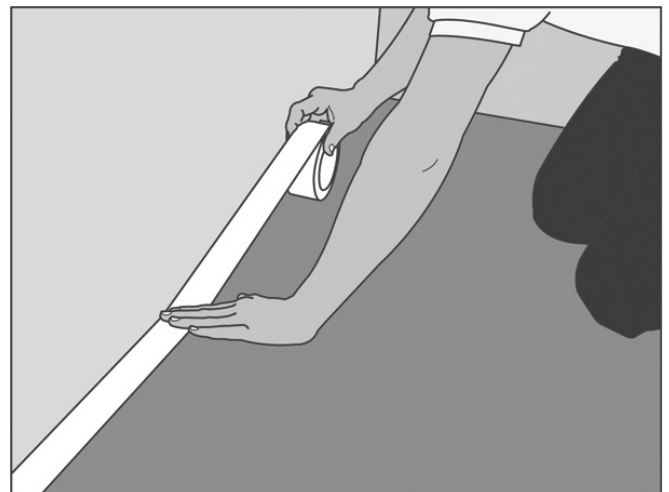
- ▶ Damp wipe the substrate.
- ▶ If there are oily residues, wipe the floor with a mild, diluted detergent and then neutralise well with water.
- ▶ Do not use any basic cleaners and do not sand.
- ▶ Cut out any damaged areas in the existing floor covering (e. g. seams, holes, imprints) and fill with stable, cement-based, non-abrasive filler compound (no dispersion compounds). If necessary, prime with a film-forming dispersion primer and allow to dry completely.
- ▶ Trial bonding: Always do a trial bonding. Rub Sigan Elements Universal Tape well onto the substrate. Degrease the substrate and repeat the trial bonding if there is any formation of bubbles or if the tape detaches from the substrate. If necessary, obtain technical device.
- ▶ In order to minimize a possible forming of joints, you should allow the floor covering and the Sigan Elements Universal Tape to acclimatise sufficiently (48 h) according to the manufacture's recommendations.

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1) Install 70 mm Sigan Elements Universal Tape:

- ▶ Apply Sigan 1 tape along walls and doors, to even out uneven walls, for increased adhesion in the edge areas, for gluing areas that are difficult to access. Risers may only be bonded with Remur.
- ▶ Do not pull off the protective paper yet.



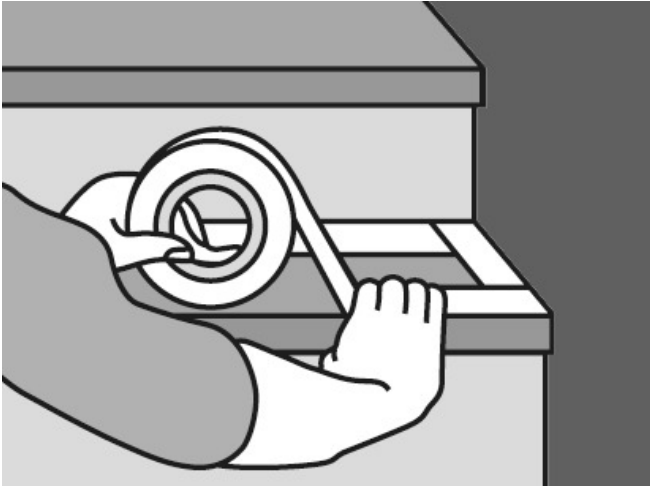
APPLICATION:

Caution with installations on levelling compound, chipboard and metal.

Perfect bonding with Sigan Elements Universal Tape and removal without residues is guaranteed with Planus. Do not use any other primer!

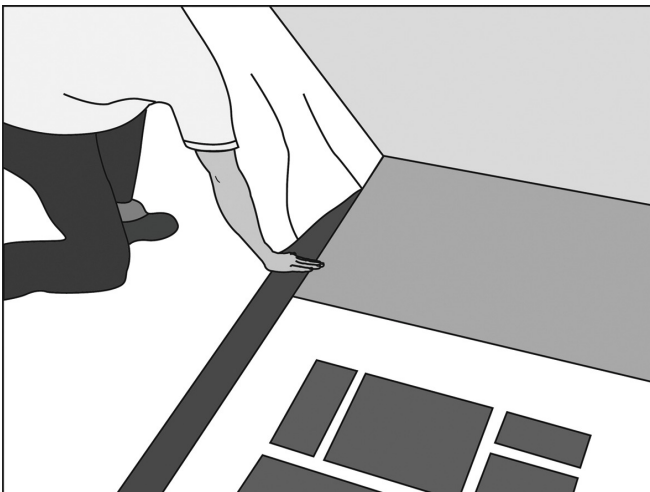
Apply special primer Planus:

- ▶ Clean subfloor well with industrial vacuum cleaner.
- ▶ Shake Planus container well and refill liquid undiluted into clean bucket
- ▶ Evenly prime crosswise with a fine-pored UZIN foam roller. Avoid the formation of puddles. Apply two times on wooden materials using a Nylon fibre roller. The surface must show a thin film after drying (light gloss).
- ▶ Allow to dry for at least 2 hours with good ventilation. The Planus must be completely dried out. The drying time depends on the ventilation, the room climate and the substrate. The drying time on calcium sulphate levelling compounds can last up to 4 hours.
- ▶ Do not allow floor covering to acclimatise on Planus.
- ▶ Trial bonding: Rub Sigan Elements Universal Tape well onto substrate. Re-apply Planus if Sigan Elements Universal Tape detaches from the substrate or obtain technical advice.



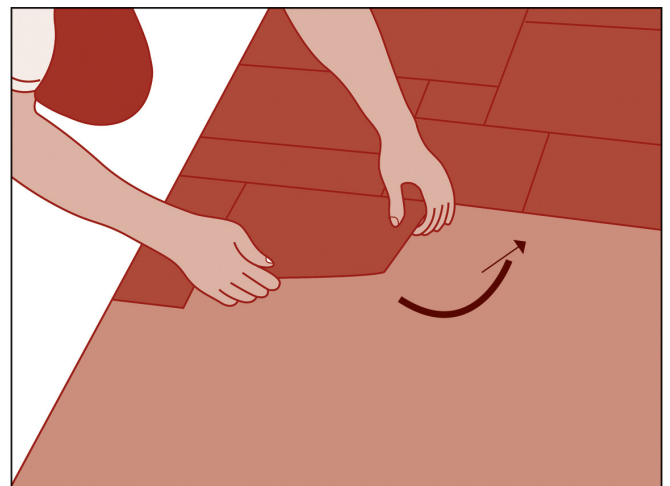
2) Installing the floor covering:

- ▶ Measure the room, divide into planks/tiles. Mark the starting point of the first row of planks/tiles with a suitable pen on the protective paper.
- ▶ The straight line this created serves as reference line of the first row of planks/tiles.
- ▶ Stack the protective paper and roll together (minimises the waste volume).
- ▶ Install the planks/tiles along the reference line without stressing and press down firmly by hand.
- ▶ Continually pull back the protective paper horizontally and straight. Install the floor covering as described.
- ▶ If the installation process is interrupted, the protective paper can be reapplied as protection for the Sigan Elements Universal Tape.
- ▶ After installation, rub/roll down firmly crosswise over the whole area.



Sigan Elements Universal Tape: Removing floor covering without residues – without damaging the substrate.

- ▶ Separate the planks or tiles with edge tape from the substrate starting at one corner. If necessary, cut planks / tiles in stripes. Do not damage the substrate.
- ▶ Pull away floor covering together with Sigan Elements Universal Tape at a flat angle, and you're finished! No adhesive residues will remain on the substrate when using Sigan Elements Universal Tape together with Planus! The removed floor covering can't be reused.
- ▶ Before any further laying with Sigan Elements Universal Tape, the substrate must first be vacuumed and cleaned. Apply the special Planus Primer as required, and allow to dry completely. Then install the new floor covering with Sigan Elements Universal Tape.



IMPORTANT NOTES:

Store in the standing position in a dry and cool place, away from direct sunlight. Rewrap opened rolls in protective paper.

- ▶ Suitable are PVC tiles and planks, as well as textile coverings with PVC backing.

- ▶ Use Sigan Elements Universal Tape onto metals pretreated with anti-rust primer.
- ▶ With P3 / P5 / P7 boards, plywood and MDF boards level butts and joints with low-slump cementitious levelling compound.
- ▶ When installing onto UZIN RenoTop PLUS we recommend the use of 1-comp. PUR primer (e. g. UZIN PE 414 BiTurbo) as a skim coat to prevent swellings on the seams.
- ▶ PVC floor coverings with dimensional changes according to EN 434 ≤ 0.40 % must be jointed / welded.
- ▶ Resilient floor coverings (except LVT) must be jointed / welded in most cases. Please see manufacturer's recommendations.
- ▶ Do not install LVT floor coverings or PVC tiles which appear warped or stressed.
- ▶ Jointing / welding can be performed immediately after bonding.
- ▶ Rising humidity from the subfloor can't pass through the Sigan Elements foil carrier. Enclosed moisture could cause damage to the construction underneath.

Further substrates:

- ▶ Textile floor coverings → Sigaway
- ▶ Ceramic tiles → Sigan 2

UZIN grants a 5-year warranty for all properties claimed in the processing instructions.

Sigan Elements Universal Tape complies to VOB Part C, Pt. 2.7 Adhesives: "They form a fixed and durable connection, and cause no impairment to either the floor covering or the substrate and produce no pollution through odour after fitting".

- ▶ Follow the generally accepted rules of the trade and the technology for laying floor coverings according to the valid national standards EN, DIN, VOB, OE, SIA and TKB-Technical Briefing Note 12.

The warranty becomes void if:

- ▶ Sigan Elements Universal Tape products are used in outside areas, operating theatres and in vehicle construction.
- ▶ unusual influences, and in particular those of a chemical or mechanical nature, affect the product.
- ▶ substrate unevenness occurs (insufficient stability of the substrate).
- ▶ in case of any utilisation or processing that deviates from the laying instructions.
- ▶ PVC / CV runs or tiles are not thermally or chemically welded / joined and joints / seams arise for this reason.
- ▶ discolouration arises from chemical reactions between the floor covering and the substrate.
- ▶ if joints are formed or warping occurs due to dimensional changes of the floor covering.
- ▶ the floor covering was laid stretched and under tension.
- ▶ moisture affects the Sigan 1.
- ▶ laying is carried out at temperatures below 15 °C (at ground level)
- ▶ Sigan Elements Universal Tape is used in areas with increased air humidity and/or thermal loadings (e. g. conservatories).
- ▶ no adhesive trials have been carried out.

SEALS OF QUALITY & ECOLABELS:

- ▶ EMICODE EC 1 PLUS / Very low emission

COMPOSITION:

Metal-reinforced special film carrier, acrylic 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.