



High-performance adhesive Sigan Elements Universal Tape

Sigan Elements Universal Tape

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

Areas of application:

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.

► Suitable for*:

Resilient floor coverings:

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

► Suitable for use on*:

- 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.

* See important notes



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

Ingredients: Metal-reinforced special film carrier, acrylate copolymer, wetting and defoaming agents, paper.

Product features & properties:

- Dimension stabilising
- Quick and easy fabrication
- Floor covering immediately ready for foot traffic and loads
- PVC luxury floor covering and PVC tiles can be installed without jointing
- Future removal without residues possible
- Solvent-free / complies with TRGS 610 (technical regulation for dangerous substances)
- Becomes neither brittle nor dry
- EMICODE EC 1 PLUS / very low-emission

Technical data:

Packaging:	Carton
Packaging content:	Sigan Elements Universal Tape: 70 mm x 25 m
Shelf life:	min. 2 years
Colour:	silver / grey
Substrate temperature:	min. 15 °C
Open time:	none
Working time:	unlimited
Load application:	immediately after bonding
Welding/joining seams:	immediately after bonding

UZIN | A brand of Uzin Utz Group

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Developed and manufactured | Sifloor AG

Preparation:

- ▶ The substrate must be sound, level, permanently dry, free of cracks, clean and free of materials that could impair adhesion.
- ▶ Test the substrate in accordance with applicable standards and bulletins and report any deficiencies.

For screeds, levelling compound, metal and chipboard:

- ▶ Thoroughly vacuum off, prime and smooth surface.
- ▶ Depending on the substrate, floor covering and strain suitable primers and levelling compounds can be taken from the UZIN product overview.
- ▶ Always allow primer and levelling compound to dry well all the way through.
- ▶ Thoroughly degrease / clean aluminium and non-rusting metals.
- ▶ Observe the product data sheets of the other UZIN products as well as the floor coverings used.

For existing resilient substrates:

- ▶ Sweep substrate damp.
- ▶ In case of oily residues, sweep floor with mild diluted cleaning agent, then neutralise well with water (absorb).
- ▶ Do not use any basic cleaners and do not ground out. Obtain technical application advice if necessary.
- ▶ Cut out damaged areas in the existing floor covering (e.g. tenting joints, holes, impressions) and fill with low-slump cementitious non-sanding levelling compound (no dispersion levelling compounds).
- ▶ Then prime with a film forming dispersion primer and leave to dry well.
- ▶ Trial bonding: Always perform trial bonding. Rub Sigan Elements Universal Tape well onto substrate. Degrease substrate and repeat trial bonding if bubbles form or Sigan Elements Universal Tape detaches from the substrate. Obtain application consulting in case of insufficient bonding.
- ▶ Unpack floor covering and in small stacks allow to acclimatize and temper for at least 48 hours in the room to be installed. Allow Sigan Elements Universal Tape to acclimatize for at least 24 hours in floor to be installed.

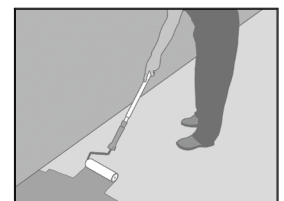
Processing:

Attention when bonding on levelling compound, chipboard and metal.

Perfect bonding and removal without residues with the Sigan Elements Universal Tape is only ensured when using Planus. Do not use any other primer!

Apply special Planus primer:

- ▶ Clean substrate well with industrial vacuum cleaner.
- ▶ Shake Planus container well and refill liquid undiluted into clean bucket.
- ▶ Apply ready-to-use precoat with a fine-pored UZIN foam roller undiluted, uniformly and thin and spread crosswise. Avoid pooling / drop formation and ridges. Apply two times on wooden materials using a Nylon fibre roller. The surface must show a thin film after drying (light gloss).
- ▶ Allow two dry well ventilated for min. 2 hours. Planus must be absolutely dried all the way through. Setting time is subject to ventilation, indoor climate and substrate. Drying time may be up to 4 hours on calcium sulphate-based levelling compound.
- ▶ Do not allow floor covering to acclimatize on Planus.
- ▶ Trial bonding: Always perform trial bonding. Rub Sigan Elements Universal Tape well onto substrate. If Sigan Elements Universal Tape detaches from the substrate, apply Planus again and repeat trial bonding.
- ▶ Unpack floor covering and in small stacks allow to acclimatize and temper for at least 48 hours in the room to be installed. Allow Sigan Elements Universal Tape to acclimatize for at least 24 hours in floor to be installed.

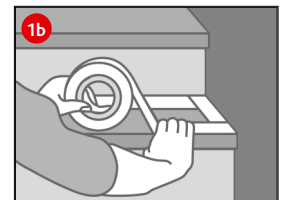
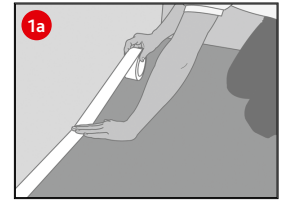


Planus special primer required

1 Processing:

Install Sigant Elements Universal Tape 70 mm:

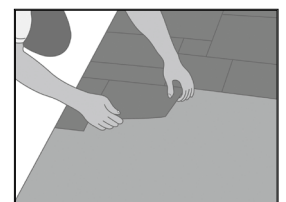
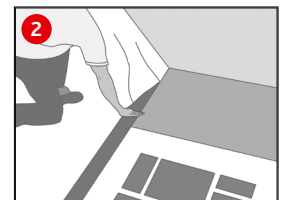
- ▶ Apply Sigant Elements Universal Tape along walls and doors to create a reference line, to compensate for uneven walls, for bonding at difficult to access spots as well as for full-surface bonding on stairs in the stairwell area. Risers may be bonded only with Remur.
- ▶ Do not yet pull off the protective paper.



2 Installing the floor covering:

PVC luxury floor covering and PVC tiles:

- ▶ Measure the room, divide into planks/tiles. Mark the starting point of the first row of boards/tiles and the Sigant Elements Universal Tape as reference line for the first row of boards/tiles on the floor.
- ▶ 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 boards/tiles along the reference line without pull and tension 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 folded back as protection for the Sigant Elements Universal Tape.
- ▶ After installation, rub /roll down the whole area well crosswise.



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

- ▶ Carefully detach tiles and planks from Sigant Elements Universal Tape (cut first in strips, if necessary); do not damage the substrate!
- ▶ Pull off Sigant Elements Universal Tape at a pointed / flat angle after the complete removal of the tiles or boards, done! No adhesive residues will remain on the substrate when using Sigant Elements Universal Tape together with Planus! The floor covering removed cannot be reused.
- ▶ First vacuum off the subfloor before installing Sigant Elements Universal Tape again. If necessary, apply special primer Planus and allow to dry well. Now install the new floor covering with Sigant Elements Universal Tape.



Important notes:

Store upright, dry, cool and without exposure to direct sunlight. Wrap partially used rolls in protective paper.

- ▶ PVC floor covering (tiles or planks not sheets) as well as textile flooring with PVC backing are suitable.
- ▶ Only use Sigan Elements Universal Tape onto metals pretreated with anti-rust primer.
- ▶ With chipboard P3 / P5 / P7, 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-C PU based Primer (e. g. UZIN PE 414 Turbo) as a skim coat to prevent swellings on the seams.
- ▶ PVC floor covering with dimensional changes according to EN 434 < 0.40 % must be jointed/welded. Do not install LVT floor coverings which appear warped or stressed.
- ▶ Resilient floor covering (exception of luxury floor covering) should be jointed/welded. The specifications of the floor covering manufacturer must be observed when performing the welding action.
- ▶ Welding/jointing can be performed immediately after bonding.
- ▶ Rising humidity from the subfloor can't pass through the Sigan Elements Universal Tape foil carrier. Enclosed moisture could cause damage to the construction underneath.
- ▶ **Further substrates:**
 - Textile floor covering → Sigaway
 - Ceramic tiles → Sigan 2

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.de or contact +49 731 4097-0

Disposal:

Sleeves and carton packaging free from residues can be recycled. Material residues can be disposed of with domestic waste.

Warranty:

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

Sigan Elements Universal Tape complies with VOB Part C, Pt. 2.7 Adhesives: "They form a solid and permanent connection and neither affect the floor covering nor the substrate and do not cause any nuisance through odours after installation".

- Follow the generally acknowledged rules of the trade and of technology for the installation of floor covering of the respective applicable standards (EN, DIN, VOB, OE, SIA, Technical Bulletin TKB-12). At any rate, bonding tests must be performed on site before processing.

The warranty becomes void if:

- Sigan Elements Universal Tape is used for exterior applications, in operating theatres or automotive manufacturing.
- The product is exposed to unusual impact especially of chemical or mechanical nature.
- Processing/use different from the processing instructions is performed.
- Discolouration occurs due to chemical reactions between floor covering and substrate.
- If joints or warping develops due to dimensional changes on the floor covering.
- The floor covering was installed under pulling forces or tension.
- Moisture acts on Sigan Elements Universal Tape.
- Installation was performed below 15 °C (on the floor!).
- Sigan Elements Universal Tape is used in areas with increased thermal loads (e.g. conservatories).
- No adhesive trials were carried out.