

Film-forming system primer

UZIN PLANUS

Primer for residue-free removability of UZIN Sigan or UZIN Elements on levelling compounds, chipboard and metal.

MAIN APPLICATION FIELD:

- ▶ UZIN Sigan
- ▶ UZIN Elements

SUITABLE ON / FOR:

- ▶ calcium sulphate and cementitious levelling compounds
- ▶ 2-comp. PUR levelling compound (e.g. UZIN KR 410)
- ▶ epoxy moisture barriers
- ▶ P3 / P5 / P7 boards, plywood and MDF boards
- ▶ aluminium and metal
- ▶ warm water underfloor heating systems
- ▶ suitable for commercial and industrial areas

*see substrate preparation



PRODUCT BENEFITS/FEATURES:

Very low emission primer for untreated sub-surfaces, for the gluing of suitable floor coverings with UZIN Sigan or UZIN Elements. Ready-for-use, for easy application. Binds surface dust. Provides a uniform film for a secure bond and for the later residue-free removal of the UZIN Sigan or UZIN Elements.

- ▶ guarantees the secure installation of floor coverings using UZIN Sigan or UZIN Elements
- ▶ guarantees a residue-free removal of floor coverings laid with UZIN Sigan or UZIN Elements



TECHNICAL DATA:

Packaging	plastic canister
Pack size	5 kg
Shelf life	min. 12
Color	transparent
Color, wet	white
Color, dry	transparent
Consumption	70 - 100 g/m ²
Working time	2 hours*
Open time	unlimited
Setting time / cure time	none
Ready for foot traffic	2 hours*
Minimum application temperature	15 ° C at ground level
Loadable	immediately after installation
Joint sealing	immediately after installation

*At 20 °C and 50% relative humidity.



for UZIN Sigan and UZIN Elements
ON new substrates

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.
- ▶ Thoroughly vacuum, prime and level the substrate.
- ▶ Use a suitable primer from the UZIN Product Guide according to the type and condition of the substrate.
- ▶ Allow any primer or levelling compound that is applied to dry completely.
- ▶ Thoroughly clean and degrease aluminium and non-corrosive metal, grind if necessary.
- ▶ The datasheets for other used products have to be observed.

APPLICATION:

1. Allow the containers to warm up to room temperature before use and shake well before pouring the undiluted contents into a clean container.
2. Apply an undiluted, even coat of Planus with a UZIN foam roller cross-wise over the substrate. Avoid the formation of bubbles or drops and avoid grooves. In the case of wooden materials, apply twice with a nylon plush roller. After drying, the surface must show a thin film (slight sheen).
3. Immediately clean the roller and any fresh contamination with water.
4. Drying time between 2 – 24 hours, depending on the climatic conditions and the sub-surface (at 23 °C and 50 % relative air humidity). In the case of calcium sulphate / levelling compounds, drying can take up to 4 hours. The Planus must be completely dry before applying the UZIN Sigan or UZIN Elements!

IMPORTANT NOTES:

- ▶ A shelf life of 12 months when stored in moderately cool conditions, in the original packaging. Carefully and tightly reseal opened containers and use the contents quickly. Allow containers to come to room temperature before use. Store in a dry, cool area without exposure to direct sunlight on protected cut surface.
- ▶ Only use Sigan 1 and Sigan Elements in combination with Planus.
- ▶ Can be reapplied later with Planus again, without grinding.
- ▶ Can be covered over with dispersion adhesive at a later date without sanding (sand the Planus when gluing parquet).
- ▶ Follow the generally acknowledged rules of the trade and technology for the installation of floor covering in respect of the applicable national standards (e.g. END, DIN, OE, SIA, etc.)

UZIN provides a 5-year warranty on all the characteristics guaranteed in the application Instructions.

Planus corresponds 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 sub-surface, and produce no pollution through odour after fitting”.

This guarantee will not apply if:

- ▶ Planus is used in outside areas.
- ▶ unusual influences, and in particular those of a chemical or mechanical nature, may affect the product.
- ▶ sub-surface unevenness occurs (insufficient stability of the subsurface).
- ▶ in the case of any utilisation or processing that deviates from the installation instructions.
- ▶ discolouration that arises from chemical reactions between the floor covering and the sub-surface.
- ▶ dampness affects the Planus.
- ▶ laying is carried out at temperatures below 15 °C (at the floor!).
- ▶ Planus is used in areas with increased air humidity.

SEALS OF QUALITY & ECOLABELS:

- ▶ Solvent-free
- ▶ EMICODE EC 1 PLUS / Very low emission
- ▶ Blue Angel according to DE-UZ 113 / Environmentally friendly because of low emissions
- ▶ European Model EPD
- ▶ Suitable for sustainable building certifications according to: DGNB, QNG, BNB, BREEAM, LEED

COMPOSITION:

Polymer dispersion, preservation agents, additives and water.

PROTECTION OF THE WORKPLACE AND THE ENVIRONMENT:

Solvent-free. Use of barrier cream and ventilation of the work area are recommended. Keep out of the reach of children. Do not eat, drink or smoke during the installation. After contact with eyes or skin, wash immediately with plenty of water. Do not allow dispersal into drains, sewers or ground. Rinse tools with water and soap immediately after use. Basic prerequisites for best possible indoor air quality following floor covering work are conformity to standards of the working conditions, as well as thoroughly dry substrate, primer and smoothing compound. Product contains isothiazolinones, Bronopol. Hotline for allergy information +49 731 4097-0.

DISPOSAL:

Where possible, collect product residues and re-use. Do not allow dispersal into drains, sewers or ground. Empty, scraped and drip-free containers are recyclable. Containers with liquid residue, as well as the liquid product, are classed as Special Waste. Dried product residues are classed as Construction Waste.