

System Components for Sigan 1

Planus

Ready-to-use, fast drying special sub-coat as a system component for Sigan 1

Applications:

Very low emission dispersion pre-coat for untreated sub-surfaces, for the gluing of suitable floor coverings with Sigan 1.

Suitable for / on:

- ▶ Cement composition floor CT (filled, sanded)
- ▶ Anhydrite tile composition floor CAF (sanded)
- ▶ Anhydrite mortar CA (sanded)
- ▶ Magnesia flooring MA (sanded)
- ▶ Filling compounds containing cement (sanded)
- ▶ Calcium sulphate filling compounds (sanded)
- ▶ Wooden floors (untreated), chipboard V100, Plywood/ MDF tiles (fill edges, joints with a stable, cement-based filler), two coats of Planus may be necessary
- ▶ Aluminium and metal (untreated)

Product Properties / Benefits:



Made as ready-for-use, for easy application. Binds surface dust. Provides a uniform film for a secure bond and for the later residue-free removability of the Sigan 1.

Marked with the "Blue Angel" to indicate low-emission floor covering adhesives and other installation materials according to RAL UZ 113. Environmentally-friendly because the emission level is very low.



ÖKOLINE



for  Sigan 1
ON  filled floors, calcium sulphate coatings, chipboard

Ingredients: Polyvinyl acetate copolymers, wetting, de-foaming and conservation agent, thickener, water.

- ▶ guarantees the secure gluing of floor coverings using Sigan 1
- ▶ guarantees a residue-free removal of floor coverings laid with Sigan 1
- ▶ suitable for underfloor heating
- ▶ "Blue Angel" according to RAL UZ 113
- ▶ GISCODE D1 / Solvent-free
- ▶ EMICODE EC1 PLUS / Very low emissions PLUS

Technical Data:

Type of container:	Plastic canister
Delivery sizes:	2.5 kg, 10 kg
Shelf life:	at least 12 months
Colour liquid/dry:	white / transparent
Application temperature:	min. 16°C at the floor
Application:	70 – max. 100 g/m ²
Drying time:	at least 2 hours* see "Application"

* at 23 °C and 50% relative air humidity

Preparing the sub-surface:

The sub-surface must be dry, smooth, hard and solid and must also be free of grease, dust and silicone, which could impair the adhesion.

Check the sub-surface according to the applicable standards and leaflets, and report any deficiencies.

Any layers that would affect the adhesion or that are weak, for example, soft floor edges, hard sinter layers, stripping agents, old adhesive, filler and cover material remnants any others must be brushed away mechanically, ground down, sanded or shot blasted.

Where necessary, fill the surface with self-levelling filler and allow to dry according to the manufacturer's instructions.

Cement and calcium sulphate screeds must be particularly well sanded and vacuumed.

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 with Planus undiluted with a fine-pore UZIN foam roller, evenly and thinly, applying cross-wise. 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 dried right through before applying the Sigan 1!

Application data:

Consumption when applied by roller, depending on the absorption of the sub-surface: 70 – max. 100 g/m²/layer

You can obtain more information on:
www.uzin.com or by calling +49 (0)731 4097-0

Important tips:

- ▶ Protect the original container from frost. Shelf life up to 12 months after the printed date if stored in a cool place. Protect from frost. Carefully reseal opened containers and use up the contents as soon as possible.
- ▶ Only use Sigan 1 together with Planus Special pre-coat.
- ▶ Can be painted over with Planus at a later date without sanding.
- ▶ Can be covered over with dispersion adhesive at a later date without sanding. (Sand the Planus when gluing parquet,).
- ▶ Follow the generally accepted rules of the trade and the technology for laying floor coverings according to the valid national standards EN.

The following standards and leaflets also apply, or special attention is recommended:

- DIN 18365 "Floor covering work"
- TKB leaflet "Assessment and preparation of sub-surfaces" and "Dry adhesives".
- BEB leaflet "Assessment and preparation of sub-surfaces"

Safety at work and environmental protection:

GISCODE D1 – Solvent-free. The use of a barrier cream to protect the skin is basically recommended. Store out of the reach of children. Always ensure good ventilation during and after the application/drying! No eating, drinking or smoking while applying the product. Rinse off immediately with water if the product comes into contact with the eyes or the skin. Do not allow the product to enter the sewage system, open water or the soil. Clean tools immediately after use with soap and water. The product contains isothiazolinones.

Information for allergy sufferers on +49 (0)731 4097-0.

Disposal:

Only recycle containers that are completely empty. Dispose of containers with hardened residual product with construction site waste / domestic waste.

Guarantee:

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 and Sigan1 products are used in outside areas, operating theatres and in vehicle construction.
- unusual influences, and in particular those of a chemical or mechanical nature, may affect the product.
- sub-surface unevenness occurs (insufficient stability of the sub-surface).
- in the case of any utilisation or processing that deviates from the laying instructions (never use Sigan 1 on stairs or walls).
- discoloration 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 and Sigan 1 are used in areas with increased air humidity and/or thermal loadings (e.g. conservatories).