

PROJECT FLOORS (NZ) LTD INSTALLATION GUIDE

PURLINE is a high quality, elastic flooring based on polyurethane in different formats and finishes. Please find more information in the technical specifications in our product collections.

Important general information:

Before starting work, make sure that the delivered product is in perfect condition. No claims can be made subsequently for cut or installed goods. As a matter of principle, we guarantee that goods in each delivery come from the same batch. For installing PURLINE, the valid national standards and guidelines, technical references and acknowledged rules of the profession apply.

The following guidelines should be observed in particular:

- VOB Part C, DIN 18365 floor covering work,
- Minimum requirements for screeds DIN 18560 technical rules.
- BEB data sheet: "Assessing and preparing subfloors, installing elastic and textile floor coverings"
- DIN 18202 "Tolerances in structural engineering"
- Plumbing – Heating – Air Conditioning Central Association data sheet: "Interface coordination for heated flooring constructions".

Note:

The floor fitter, when making his checks before installing the PURLINE, must report any concerns. Particularly in case of:

- larger uneven areas,
- cracks in the substrate,
- insufficiently dry subfloor,
- insufficiently firm, too porous or too rough substrate surface,
- contaminated substrate surface, e.g. due to oil, wax, lacquers and paint residue,
- incorrect height of the substrate surface compared to the height of adjoining structural elements,
- unsuitable substrate temperature,
- unsuitable indoor climate,
- missing heating protocol for heated flooring constructions,
- no protrusion of the edge insulation strip,
- no measuring points marked for heated flooring constructions,
- missing joint plan.

In order to smooth out uneven areas and create an evenly absorbent substrate, it is recommended to apply a suitable levelling compound of a sufficient layer thickness using rake or screed trowel technique. Please pay attention to the building material supplier's information.

When gluing PURLINE on underfloor heating systems, besides VOB DIN 18365, the standard EN 1264-2 (Underfloor heating systems and components) should be taken into account. The surface temperature should not exceed 27°C permanently.

Acclimatisation:

PURLINE and auxiliary installation materials should be acclimatised for at least 24 hours in the areas to be laid under the following conditions!

Indoor climate requirements:

- Air temperature in the room > 18°C (but no more than 26°C)
- Floor temperature > 15°C (no more than 22°C)
- Relative humidity < 65%

Constant indoor conditions should be ensured during the acclimatisation process and the bonding phase of the adhesive. The above-mentioned indoor climate should be maintained at least 72 hours before, during and after gluing the floor covering.

Installation:

In order to achieve an optimal installation result with as little waste material as possible, it is recommended to measure out the area being covered and to divide up the material format and installation pattern accordingly. In order to achieve an optically appealing installation pattern, we recommend that joints are sufficiently offset (for plank formats approx. 30 cm).

PURLINE should always be glued over the whole area. We recommend using low emission and solvent-free dispersive adhesives, e.g. EC1 or RAL (Blue Angle). You can find more detailed information in our adhesive recommendation. Wet bed adhesives are preferable to pressure sensitive adhesives.

The amount applied can vary depending on the adhesive type and recipe and is specified by the adhesive manufacturer. Please find possible deviations in our adhesive recommendation. The adhesive manufacturer's processing guidelines should be observed.

Note:

In order to achieve an ideal installation and utilisation result, the back of the floor covering should be well covered with adhesive. To avoid adhesive from squashing out, however, no more adhesive than necessary should be used. A test bonding may make sense if necessary. For information on suitable adhesives, please refer to our separate adhesive recommendations. NOTE: roll adhesives/fixings cannot prevent dimensional changes to floor coverings (e.g. shrinkage after exposure to heat or ageing).

It is essential to bear the following in mind:

The individual PURLINE planks and tiles must be laid in the semi-wet bed of adhesive after the appropriate curing time with tightly fitting joints and no tension and then pressed down over the whole area with a suitable smoothing device. A manual pressure roller or smoothing board is recommended for this purpose. After gluing, the floor covering should also be evenly rolled with a heavy segmented roller (at least 50 kg) within the laying time specified by the manufacturer.

Putting the installed area into operation or loading it should only be done once the adhesive has fully bonded (see adhesive manufacturer's information). Please note that there is a duty of preservation (protecting the floor covering from damage by subsequent trades) for a completed, but not yet accepted trade on the part of the contractor. Partial acceptance means that the duty of preservation is transferred to the customer for the accepted areas.