



IMPORTANT GENERAL INFORMATION:

Before processing, make sure that the delivered goods are in perfect condition. Cut or misplaced goods are excluded from the complaint. Before laying, the goods must be checked for color and batch consistency. Only lay tiles or planks from the same batch in a room. The relevant national standards, guidelines and regulations as well as the technical references and recognized rules of the trade apply to the laying of the Republicfloor LVT for gluing. Slight differences in color, degree of gloss and structure are production-related and are not a reason for complaint. Mix material when laying 3 packs. In Germany, the following guidelines in particular must be observed:

- VOB part C, DIN 18365 floor covering work
- DIN 18 299 "General regulations for construction work of all kinds"
- DIN 18560 Minimum requirements for screeds Part 1 Note: Accelerated screeds and screeds with additives are considered "special constructions". Deviating information from the specification according to DIN 18560 (screeds in construction - part 1) with regard to the readiness for covering of the screed must be communicated by the customer. Contrary to DIN 18560, we recommend a maximum residual moisture content of $\leq 0.3\%$ CM for CA heated screed
- DIN 18202 "Dimensional tolerances in structural engineering" table 3 line 4 (Other requirements for evenness may have to be agreed separately.)
- BEB leaflet: "Assessment and preparation of substrates, laying of elastic and textile coverings", heated and unheated floor constructions"

-Rooms without a basement (subsurfaces in contact with the ground) must be sealed against rising damp on site in accordance with DIN 18195/18531-35 Building waterproofing Part 4: "Sealing against soil moisture".
Sanitary - heating - air conditioning ZV leaflet: "Interface coordination for heated floor constructions Austria: ÖNORM B2232 "Screed work - work contract standard" / ÖNORM B 2236 "Adhesive work for floor coverings - work contract standard" / DIN 18 202 "Dimensional tolerances in building construction". Switzerland: SIA Norm 251 (Floating screeds indoors SIA Norm 253 (floor coverings made of linoleum, plastic, rubber, cork, textiles and wood).

SURFACE CONDITION:

Prepare the substrate according to VOB part C floor covering work DIN 18365/18531-35. The substrate must be level, stable, dust-free and permanently dry. According to DIN 18202 "Tolerances in building construction - table 3 line 4", the maximum height tolerance 2-3 mm per running meter and must not exceed. Larger differences in height are to be equalized by leveling the floor over the entire surface. In order to even out unevenness and to obtain an evenly absorbent subsurface, Application of a suitable leveling compound in a sufficient layer thickness using the squeegee technique recommended. Please note the information provided by the construction materials suppliers.

Before laying the floor covering, the floor layer must check whether the subfloor is ready for installation and report any concerns. In particular with:

- larger bumps
- insufficiently dry substrate.
- not sufficiently solid, too porous and too rough surface of the substrate,
- contaminated surface of the substrate, e.g. by oil, wax, varnish, paint residues,
- incorrect height of the surface of the subsoil in relation to the height of adjacent components,
- unsuitable temperature of the subsoil,
- unsuitable room climate,
- Missing overhang of the edge insulation strip,
- missing marking of measuring points in heated floor constructions, missing joint plan,
- missing heating log:
- When laying the Republicfloor LVTs for gluing on underfloor heating, EN 1264-2 (warm water underfloor heating systems and components) must be taken into account in addition to VOB DIN 18365. The surface temperature should not permanently exceed 27°C. If you use other underfloor heating systems, please consult the application technology department at Republicfloor EUROPE bvba.

LAYING TOOLS:

- Layer's knife with trapezoidal blade, articulated roller (at least 50 kg)
- Folding rule / measuring tape hand pressure roller / spirit level 2m - Pencil / parallel draftsman
- Angle / bevel / chalk line

ACCLIMATIZATION

Republicfloor LVTs for gluing and all required auxiliary materials must be acclimatized at least 48 hours before laying in small stacks (max. 3 layers) in the rooms to be laid or in adjacent rooms under the following conditions. Room climate requirements before, during and after installation: - Air temperature in the room > 18°C (but not more than 26°C)
- Floor temperature > 15°C (no more than 22°C)
- Relative humidity 40-65%
It must be ensured that constant room climatic conditions prevail both during the acclimatization phase and during the setting phase of the adhesive. The room climate mentioned above must be maintained for at least 72 hours before, during and after the floor covering is glued down

In order to achieve an optimal laying result with as little material waste as possible, we recommend measuring the area to be covered and dividing it up according to the material format and laying pattern. In order to obtain a visually appealing laying pattern, we recommend ensuring that the joints are offset sufficiently (approx. 30 cm for plank formats). Republicfloor LVT for gluing should always be glued over the entire surface. We recommend the use of low-emission and solvent-free dispersion adhesives, e.g. B. ECI or RAL (Blue Angel). For more information, please refer to the manufacturer information. Wet bed adhesives are preferable to pressure sensitive adhesives. The amount applied can vary depending on the type of adhesive and recipe and is specified by the adhesive manufacturer or specified TKB toothing. Please refer to the manufacturer's information for possible deviations. The processing guidelines of the adhesive manufacturer must be observed.
Note: In order to achieve an ideal installation and usage result, it is important to ensure that the backing of the floor covering is well wetted with adhesive. In order to avoid adhesive squashing, however, no more adhesive than necessary should be used. If necessary, a test bonding can be useful.

The use of dry adhesives (see adhesive recommendation) is also possible if the manufacturer's information and instructions are observed. Always lay all planks in the direction indicated with arrows on the back. The individual planks must be glued tightly and without tension and then pressed into the semi-wet adhesive bed using a suitable rubbing device. A hand pressure roller is recommended for this. After bonding, the floor covering must also be rolled down evenly with a heavy articulated roller (at least 50 kg). The laid surface should only be put into operation/loaded after the adhesive has completely set (observe the adhesive manufacturer's instructions). Please note that there is a maintenance obligation (protection of the floor covering from damage by subsequent trades) on the part of the contractor for a completed but not yet accepted trade. Partial acceptance transfers the maintenance obligation for the accepted areas to the customer. Construction expansion joints must be taken over. Important information on completing the installation

- In order to prevent material changes/damage, sufficient shading must be provided when laying in areas with strong solar radiation
- Our Republicfloor LVTs for gluing meet the highest quality requirements in many respects. This also applies to the light fastness according to EN 105-B02. However, the intensity of natural UV light can never be simulated in a standard test, which is why partial color changes or fading can occur in areas with intensive UV light incidence and without sufficient shading.
- An adequately dimensioned "radiation barrier" (e.g. glass or metal base plates) must be provided on chimneys and tiled stoves. The size varies depending on the heat output of the fireplace or tiled stove. Please note the specifications of your stove builder / chimney sweep.

CLEANING AND CARE:

Please note our detailed cleaning and cleaning agent recommendations at www.Republicflooreu.com With the publication of these installation instructions (as of 01/2023), all previous versions lose their validity.



DryBack

Republic LVT Dryback To Glue

