



Installation instructions for b!design AQUAblue designer floor covering

- 1. Preparations for installation**
- 2. Necessary tools and accessories**
- 3. Laying down**
 - 3.1 Floating installation
 - 3.2 Full-surface adhesion
- 4. General information**
- 5. Guarantee**

1. Preparations for installation

1.1 Approximately 48 hours before installation, allow the floor covering to become acclimatised to room temperature conditions in its packaging (cross stack at c. 18°C to 20°C).

1.2 Before installation, check the floorboards for batch uniformity, consistency with the master material and faults. Boards exhibiting clear faults prior to installation should not be worked on.

1.3 Remove any potential existing old soft coverings such as carpet, needle felt or vinyl. Uneven tile covers should be evened out with filling.

1.4 Qualities and preparation of the subfloor/underbody structure

1.4.1 The subfloor must be firm, clean, even and dry (ready for installation in accordance with DIN 18356, DIN 18202). The moisture content of new subfloors should be checked and may not exceed 1.8 CM% with cement screed and 0.3 CM% with Anhydrite screed and Anhydrite fluid screed.

1.4.2 For subfloors abutting the ground, a thorough on-site sealing should be ensured.

1.5. Installation on hot-water underfloor heating.

b!design AQUAblue designer floor coverings are ideal for installing on top of water-fuelled underfloor heating.

Generally, a proper function heating and screed curing should be carried out (as an example, see specialist information "Interface co-ordination for heated flooring constructions" www.zdb.de).

NOTE:

Installation on top of electric underfloor heating systems is generally not recommended. The contact temperature on the floor covering should be max. 27°C.

1.6. Directions for installation

Front side of boards should be in the direction of the main light source. In long, narrow rooms, lay in longitudinal direction

2.0 Necessary tools and accessories

2.1 Installation tools Measuring stick, pencil, bracket, laying knife with trapezoidal blade. Optional: Metal saw for metal rail cutting, mitre saw for strip cutting

2.2. Accessories Spacing wedges, footfall sound insulation max. 1.5mm thick with at least 10 t/qm pressure stability, optimal footfall sound insulation b!design AQUAblue

3. Laying down the floor

b!design AQUAblue designer floor coverings are intended for floating installation and can also be stuck to the entire surface of the subfloor, as noted in the information given under 3.2.

General installation information:

- The maximum room length/width, without additional expansion joints, must not exceed 12m
- The first and last installed row should at least have a board width of c. 8cm.
- The offset of butt joints (cross joints) to one another must amount to a minimum 1/3 of a board length.

3.1 Floating installation

The patented “megalog” installation system makes the installation of b!design AQUAblue designer floor coverings quick and easy

3.1.1 Expansion joints/floating installation

On all on-site boundaries and also on junctions to other rooms or floor coverings, as well as in angled rooms, movement joints of 10mm must be provided on all sides. Please cut down door elements and frames far enough so that the sound installation can be slid underneath.

3.1.2 Laying down the first row

Lay down the first board, spring side always pointing to the wall. The top end of the newly connected board and the tail part of the already laid board must be laid down on top of each other and the board ends should be locked down with the thumb along the joint by pressing down several times.

ATTENTION: Installation is carried out without hammers and push blocks.

Alternatively, the elements of the first row can be connected can also be connected to one another by horizontal interlocking with the head side. Align elements horizontally by simply moving in the head connection. Do the same with the other boards.

Mark the required length of each preceding board of an installed row with the aid of a bracket. Using the carpet knife, make cuts on the decor side along the mark twice deep. Break apart at the intended breaking point over a straight edge (e.g. table edge).

3.1.3 Laying down further rows

To position further rows, simply place the boards into the longitudinal slot of the already laid-down front row at an angle of c. 30° and lower it in. As previously described, the head side is then locked in after lowering - all done.

3.1.4 Resuming individual elements

To resume the floor, first lift the whole row out of the joint connection, then only take the individual floor boards apart by horizontally sliding them in the head connections. Do not lift the end connections in doing so as it will lead to irreparable damage.

Only locking in profile elements and resuming correctly will guarantee the floor remain layable several times.

3.2. Full-surface adhesion

As an alternative to floating installation, b!design AQUAblue designer floor coverings can be stuck down across the whole surface.

Generally, the subfloor upon which the floor covering and parquet work can be done must be even, dry, clean, crack-free, free of parting agents, as well as having good tensile and compressive strength as per DIN 18 365 and 18 356.

The contractor for floor covering and parquet work has to consequently check the subfloor for whether it is suited for carrying out their services. He has to examine the subfloor with regard to transferability with the usual diligence in accordance with the generally accepted rules of the subject, the state of the art and having regard to the German Construction Contract Procedures. If the subfloor has faults or there is risk of damage with the present floor construction, the floor or parquet installer must express concerns in writing, especially regarding:

- Larger irregularities
- Cracks in the subfloor
- Subfloor that is insufficiently dry
- Subfloor surface that is insufficiently firm
- Dirtied subfloor surface e.g. With oil, wax, lacquer, paint residues
- Incorrect surface subfloor heights in relation to the height of adjoining components
- Unsuitable subfloor temperature
- Unsuitable room climate
- Missing heating protocol in heated floor constructions
- Required force-locking closing of movement joints in the subfloor
- Missing edging strip supernatant
- Missing marking of measuring points on heated floor constructions
- Missing joint plan (if necessary)

All adhesive manufacturer information, such as setting and laying times, must be observed. The adhesive should be applied across the entire surface (avoid imperfections in the adhesive). The construction, as well as possible primers, filler compounds or adhesives, must generally be system-bound, since high laying resistance and optimum results can only be ensured through optimally coordinated materials. Where possible, please contact the adhesive manufacturer or our technical customer service prior to installation.

Installation techniques:

We recommend initially cutting the first three rows or adapting them without sticking them together. Just after cutting, apply the adhesive onto the subfloor and then lay the joined elements onto the wet adhesive. After that, apply as much adhesive on the subfloor as you can comfortably work with (we recommend three to four rows). Now, following the installation instructions, install element by element, or row by row. Keep pressing down well on the elements so that a surface-wide as possible wetting of the boards' rears can be carried out.

Adhesive recommendations:

Only apply adhesives that have been tested suitably for b!design AQUAblue designer floors. Your BAUHAUS can provide you with information on request.

3.2.1 Floor installation in wet rooms and sanitary areas

b!design AQUAblue designer floors are not water-tight. As such, do not let water enter the floor through the joints and the joints between the elements. Always make sure that the subfloor is suitable for wet and sanitary rooms and prevent humidity from penetrating.

The expansion joints are filled by means of inserted insulation strips and a silicone joint placed on them in order to maintain the possibility of movement of the floor.

4. General information

The b!design AQUAblue designer floor is intended for use in normal room temperature conditions. Ideally, room temperatures will be from 18°C to 23°C, with 40-60% relative humidity.

In the long term, b!design AQUAblue is not suited for temperatures under 10°C and over 40°C.

b!design AQUAblue is not suited for exterior areas and garden houses, nor as floating installation in shower cubicles or wet rooms with floor drains and saunas.

B!design AQUAblue is waterproof around the joints but not watertight. As such, avoid the continuous inflow of liquid and absorb up the existing liquid as soon as possible.

Please note that, when in direct sunlight, temperatures on the surface above 50°C may arise. You can reduce the resulting heat issues by providing sufficient shade on the ground on hot sunny days, e.g. with blinds or awnings. This way, you will increase your floor's longevity.

Stoves should not be placed on the floor. There should be provided a c. 40cm fire-protective surface (e.g. ceramic) around the stove. If there are any doubts, then contact your chimney sweep.

You should not place any humid plant pots etc. directly on the floor - always use suitable bases.

Through the use of felt pads under chair, table and furniture legs, through suitable dirt-catching and clean areas (textile mats etc.), as well as through suitable conditions, you can curtail scratches and extend your floor's longevity. Always use office chair bases.

Interactions with other materials (e.g. Stains under foot mats or rugs) should not be ruled out, and they do not constitute grounds for complaint.

b!design AQUAblue designer floor coverings are delivered ready to install and surface-sealed. As such, the floor should never be polished or handled with lacquer or solvents.

Pay attention to the advice in the cleaning and care recommendations (b!design website).

Disposal: privately through normal household/bulk waste possible, commercially: Waste code no: AVV 17 02 03

5. Guarantee

To ensure your guarantee and warranty claims, please keep a copy of these installation instructions together with the proof of purchase.