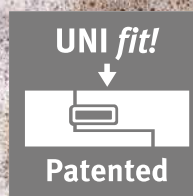


MORE FROM WOOD.



Installation instructions for Egger Aqua+

Laminate flooring with **UNI fit!**
installation system



Definition of a wet room

Rooms with elevated but not permanent moisture / liquid exposure and / or periodically high ambient humidity. Examples of wet rooms include bathrooms, kitchens, hallways and entrance areas.

Attention!

- Applications exclude wet rooms (such as, for example, saunas, steam baths, shower cabins or cells, community laundry rooms and swimming pool areas), areas with permanent moisture or liquid, as well as any outdoor area.
- EGGER laminate flooring which is not classed as Aqua+ laminate flooring may not be installed in wet rooms.

1. Obligatory testing and exercise of due care

EGGER Aqua+ laminate flooring is manufactured in high precision production stages in ultra-modern production plants. Stringent quality checks are carried out regularly both during and at the end of the manufacturing process. There may be occasions however, when damage to individual boards occurs, for example during transport, despite the quality checks. The laminate flooring boards should be inspected again before installation. Damaged or otherwise unsuitable flooring boards (products) must not be installed and should be returned to the retailer and exchanged.

2. Sub-floors

2.1

The installation contractor must ensure that the sub-floor is ready for installation in accordance with regular sub-floor preparation procedures and in line with its testing and due care obligations. Please consider the following points in particular when assessing the readiness for installation of EGGER Aqua+ laminate flooring. In the case of failure to comply, all guarantee and warranty claims will become void.

Check the moisture level in the sub-floor:

Use a CM device to check and remember that the following levels may not be exceeded:

- For cement screed $\leq 2 \text{ CM } \%$ – heated screed $\leq 1.8 \text{ CM } \%$
- For calcium sulphate screed / calcium sulphate floating screed $\leq 0.5 \text{ CM } \%$ – heated screed $\leq 0.3 \text{ CM } \%$
- These values apply to screeds without additives. With the use of additives and in case of fast-setting screed, the measurements and limits specified by the respective manufacturer shall apply.
- The test material must be obtained from the lower one-third of the screed. During this process, the thickness of the screed must be measured and documented.

Check if the sub-floor is even:

The evenness test is based on common standards and takes place by placing a yardstick / straight-edge on the high points of the surface and determining the gauge at the deepest location in relation to the bearing surfaces (measuring point intervals). A vertical deviation of max. 2 mm is allowed at 100 cm measuring point intervals. Larger deviations should be addressed by suitable measures (e.g. with self-levelling compounds).

Check the load-bearing capacity of the sub-floor:

The sub-floor must be a sealed, self-supporting layer.

Check if the sub-floor is clean:

The sub-floor must be vacuum cleaned.

Check atmospheric conditions:

The following conditions should be met before, during and after installation:

- An air temperature of at least 18° C
- A floor surface temperature of at least 15° C
- A relative air humidity of between 40 % and 70 %

2.2

EGGER Aqua+ laminate flooring is suitable for floating installation in the dry room area (standard application) on all sub-floors which meet the requirements for installation readiness described under section 2.1. In particular, these include:

- All types of screed including hot water-heated screed
- Chipboard constructions
- Fibreboards
- Existing floor coverings made of PVC, linoleum and tiles

Sub-floors not suitable for floating installation:

EGGER Aqua+ laminate flooring may never be installed on textile floor coverings (e.g. carpet) and sub-floors that are not properly prepared for installation. In the case of failure to comply, all guarantee and warranty claims will become void.

2.3

EGGER Aqua+ laminate flooring can be installed in the dry room area (standard application) with full-surface bonding on all sub-floors listed below if they meet the requirements for installation readiness described under section 2.1.

- All types of screed including hot water-heated screed
- Chipboard constructions
- Fibreboards
- Ceramic tiles (a system-specific base coat and filling of the tiles is required.)

Sub-floors not suitable for full-surface bonding:

EGGER Aqua+ laminate flooring may never be installed and glued full-surface on textile floor coverings (e.g. carpet), previous existing floor coverings e.g. made of PVC, linoleum, vinyl and sub-floors that are not ready for installation. In the case of failure to comply, all guarantee and warranty claims will become void.

2.4

EGGER Aqua+ laminate flooring is suitable for floating installation in the wet room area (bathroom application) on all sub-floors listed below if they meet the requirements for installation readiness described under section 2.1.:

- All types of screed including hot water-heated screed
- Ceramic tiles

Furthermore, the sub-floor must be properly sealed prior to installing the EGGGER Aqua+ laminate flooring (see DIN 18534 waterproofing for indoor applications and water action classes) in order to permanently prevent moisture damage to the construction.

2.5

EGGER Aqua+ laminate flooring can be installed in the wet room area (bathroom application) with full-surface bonding on all sub-floors listed below if they meet the requirements for installation readiness described under section 2.1.:

- All types of screed including hot water-heated screed
- Ceramic tiles (a system-specific base coat and filling of the tiles is required.)

Furthermore, the sub-floor must be properly sealed prior to installing the EGGGER Aqua+ laminate flooring (see DIN 18534 waterproofing for indoor applications and water action classes) in order to permanently prevent moisture damage to the construction.

Sub-floors

Sub-floors with a limited degree of suitability for both floating installation and full-surface bonding are:

- Electrically operated floor / film heating systems (control of surface temperature)

Electrical underfloor heating systems are classified as sub-floors with limited suitability. This is because a range of film-based, electrical surface heating systems generate surface temperatures that significantly exceed 28°C.

EGGER approves the use of an electrically operated underfloor heating system if it can be controlled digitally and the surface temperature does not exceed 28°C. Furthermore, the heating system manufacturer must approve the use of the system for laminate flooring.

Screed

- If the Aqua+ laminate flooring system is installed floating on screed, you have to consider that possible residual moisture in the sub-floor will seep to its surface. Consequently, on all types of screed, prior to the installation of a system-specific insulating underlay (see section: **Attention!** Underlay materials) a moisture protection film, the Aqua+ Aluflex or a moisture protection film, SD value ≥ 75 m, must be installed over the full surface and in a trough shape as a vapour barrier. When properly and professionally installed, the strips of the moisture protection film must overlap by 5 to 20 cm in the joining areas depending on the version. In the case of installation in wet room areas, the area of the wall juncture must be sealed off with EGGER Aqua+ Alutape.
- In the case of full-surface bonding of EGGER Aqua+ laminate flooring on screed, it is obligatory to make sure that an adhesive approved by EGGER and the adhesive manufacturer is used for this purpose. An overview of approved adhesives is available at www.egger.com. In case of infringement / failure to comply, all guarantee and warranty claims become void.

Screeds with hot water floor heating

- When building a heated flooring structure, all participants (builder, architect, heating specialist, heating technician, installer and flooring manufacturer) must work together in a coordinated manner. All surface-heated flooring requires appropriate planning and co-ordination for the heating system and screed in order to ensure maximum long-term performance without causing any damage. In addition to the usual checks on the installation sub-floor, the underfloor heating / cooling function must be checked (functional heating / cooling). Proof of the proper raising and lowering of the temperature of the heated screed structure in any season must be provided and documented according to a heating protocol.

When heating the load and heat distribution layer, a distinction is made between functional heating and floor curing heating.

- Functional heating is the proof of the heating installer that a proper structure has been built and is used to verify the functionality of heated flooring structures.
- Floor curing heating is the expelling of the residual moisture in the screed until installation suitability is reached.

Attention!

Functional heating does not guarantee that the screed has reached the residual moisture required for installation suitability. Therefore, installation curing is generally necessary.

Attention!

The surface temperature of a heated floor structure may not exceed 28°C. EGGER Aqua+ laminate flooring is generally installed "floating". On mineral sub-floors it is essential to install the EGGER Aqua+ Aluflex or a moisture protection film, SD value ≥ 75 m, over the full surface and in a trough shape as a moisture barrier before the insulating underlay. In the case of installation in wet room areas, the area of the wall juncture must be sealed off with EGGER Aqua+ Alutape. In the case of floating installation, the heat conductivity of the Aqua+ laminate flooring and of the insulating underlay must be taken into account. The sum of the heat conductivity values of all components must be ≤ 0.15 m²K/W in line with EC requirements. When using insulating underlays which are not part of the EGGER accessories range, floating installation on heated screed and electric surface heating systems voids all warranties from EGGER in regards to compliance with the effective, maximum allowable thermal resistance of the overall structure. In the case of full-surface bonding of EGGER Aqua+ laminate flooring on screed, it is obligatory to make sure that an adhesive approved by EGGER and the adhesive manufacturer is used for this purpose. An overview of approved adhesives is available at www.egger.com. In case of infringement / failure to comply, all guarantee and warranty claims become void.

Chipboard and fibreboard

- The installation of EGGER Aqua+ laminate flooring on chipboard and fibreboard is only allowed in dry rooms (standard application).
- In the case of the floating installation of EGGER Aqua+ laminate flooring on chipboard or fibreboard, a system-specific insulating underlay must be used to improve the impact and ambient sound. A vapour barrier is not necessary.
- In the case of the full-surface bonding of EGGER Aqua+ laminate flooring on chipboard or fibreboard, it is obligatory to make sure that an adhesive approved by EGGER and the adhesive manufacturer is used for this purpose. An overview of approved adhesives is available at www.egger.com. In case of infringement / failure to comply, all guarantee and warranty claims become void.

Ceramic tiles

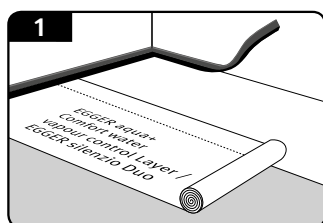
- In the case of the floating installation of EGGER Aqua+ laminate flooring on ceramic tiles it should be noted that rising damp must be expected. Consequently, prior to the installation of a system-specific insulating underlay, a moisture protection film, SD value ≥ 75 m, must be installed over the full surface and in a trough shape as a vapour barrier. When professionally installed, the strips of the moisture protection film must overlap by 5-20 cm at the joints depending on the version. In the case of installation in wet room areas the area of the wall juncture must be sealed off with EGGER Aqua+ Alutape.
- The full-surface bonding of EGGER Aqua+ laminate flooring on ceramic tiles is only permitted if a system-specific base coat is applied and filling of the tiles takes place and an adhesive approved by EGGER and the adhesive manufacturer is used. An overview of approved adhesives is available at www.egger.com. In case of infringement / failure to comply, all guarantee and warranty claims become void.

Elastic floor coverings (PVC, linoleum, vinyl)

- The floating installation of EGGER Aqua+ laminate flooring on elastic floor coverings (rolled goods) is only approved in the case of dry room application (standard application) and only permissible if the elastic floor covering is in a suitable state, displays a stable and closed surface (no bulges / detachments, no cracks) and is considered ready for installation with regard to the requirements outlined in section 2.1.
- In the case of the floating installation of EGGER Aqua+ laminate flooring on such surfaces, installing a moisture protection film and impact sound underlay is not necessary, given that the elastic old floor covering fills these roles.
- The full-surface bonding of EGGER Aqua+ laminate flooring on elastic floor coverings is not permitted. In case of infringement / failure to comply, all guarantee and warranty claims become void.

Attention! Underlay materials

- On mineral sub-floors, a moisture protection film, SD value ≥ 75 m, must be installed full-surface and in a trough shape. The exception to this is when using EGGER Silenzio Duo (2-in-1 insulating underlay with integrated moisture protection) or a comparable 2-in-1 underlay mat. In this case, a separate moisture protection film is not necessary. In the case of installation in bathrooms the area of the wall juncture must be sealed off with EGGER Aqua+ Alutape (see Figure 1).
- In the case of floating installation, a system-specific EGGER Silenzio underlay mat must be used under EGGER Aqua+ laminate flooring. Alternative underlay mats are available at www.egger.com.
- The exception to this is when using EGGER Aqua+ laminate flooring with a Silenzio underlay mat laminated to the back. No other insulating underlay must be used in this case.



3. Prior to installation

Conditioning the boards

The packages of Aqua+ laminate flooring have to be stored in the room where they will be installed or in a room with the same climate condition before starting the installation. Acclimatisation takes place in the following conditions:

- Packaged
- For a period of at least 48 hours
- It is laid flat with a minimum of 50cm distance from all walls
- The room temperature is at least 18° C
- The surface temperature of the floor is at least 15° C
- The relative atmospheric humidity is between 40 % and 70 %.

Direction of installation

There is no required installation direction, so the EGGER Aqua+ laminate flooring can be installed variably. However, a laminate flooring surface works best if the floor boards are installed parallel to the light direction.

Planning the first row

First, the room must be measured to determine whether the width of the first row of boards should be reduced. This is always necessary if the last row being installed works out to be narrower than 5 cm.

Attention! The boards should be cut longitudinally starting from the tongue side (red plastic lip).

Planning edge joints

EGGER Aqua+ laminate flooring is subject to a certain movement behaviour due to changing room climatic conditions. Sufficiently sized edge / wall gaps to all fixed objects do not hinder the movement of the installed laminate flooring and sound bridges are avoided. Consequently, and in order to ensure sound insulation from the rest of the structure (towards the walls), both the floating installation and the full-surface bonding of EGGER Aqua+ laminate flooring requires an edge / wall gap of a width of 8 mm to 10 mm to the fixed components of the construction, such as walls, door frames, pipe conduits, pillars, stairways, etc.

Planning motion profiles

Given the material-specific movement behaviour of Aqua+ laminate flooring and recognised rules of the trade, motion profiles must always be built into the following surface areas and surface sizes:

a) in the case of floating installation:

- Door thresholds
- Passageways
- Angled areas
- Room lengths and / or widths of more than 10 m

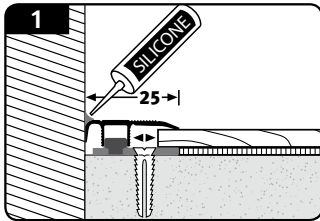
b) in the case of installation by means of full-surface bonding:

- Motion profiles only need to be built into door thresholds / passageways if there is a functionally required joint (expansion joint) included in the structure. Both areas must overlap in space, as functionally required structural joints must be expanded into the top floor.
- The maximum surface size is determined by the function-related structural joints (e.g. movement joints). In this regard, the following recognised rule of the trade applies: all functionally required construction joints (e.g., movement joints) located in the sub-floor may never be subjected to force-fitting closing and must be expanded into the top floor.

Attention! With most types of profile, the base (sub-profile) taking the cover profile must be installed prior to installing the Aqua+ laminate flooring. In the case of the installation in wet room areas (bathroom application), only transition, adjustment and end profiles made of aluminium may be used.

Attention! Wet room application (bathroom):

- The joint between profile and wall must be sealed in a waterproof manner with an elastic joint seal (see Figure 1).



Built-in kitchens / built-in cabinets

Built-in kitchens and built-in cabinets should be assembled prior to installation and the laminate floor should be laid under the plinth panel.

4. Installation

EGGER Aqua+ laminate flooring allows both floating installation and full-surface gluing both in the dry room area (standard application) as well as in the wet room area (as defined at the outset) with the help of the patented UNI *fit!* connection.

Attention! The guarantee and warranty claim for full-surface bonding exists only if the Aqua+ laminate flooring is glued to the sub-floor with an adhesive approved by EGGER and the adhesive manufacturer. In the case of failure to comply, all guarantee and warranty claims will become void.

Installation by means of full-surface bonding has, among others, the following advantages:

- Stable and compact floor surface with reduced movement behaviour and optimised installation height.
- Large surface installation, given that only functionally required structural joints must be expanded into the top floor (EGGER Aqua+ laminate flooring) via a motion profile.
- Significant improvement of footfall sound (ambient sound).
- Optimised performance on underfloor heating due to the reduced heat conductivity.

4.1. Floating installation

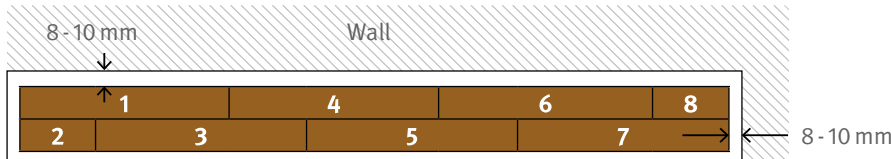
As a general rule:

- The sub-floor prepared for floor cladding works must be dry, clean, free of separating agents, crack-free, level, as well as display tensile and compression strength according to DIN 18365 and DIN 18202. With regard to levelness, the raised requirement of < 2 mm/m must be observed.
- The flooring installer must express any concerns in writing if the sub-floor is not ready for installation, i.e. if it displays defects or damage to the top floor is to be expected due to the sub-floor's structure.
- If the levelness of the sub-floor as required for installation is not achieved, a system-specific precoat and / or filling must be applied.
- A system-related underlay mat must be used.

Installation

In the case of the floating installation of EGGER Aqua+ laminate flooring, the individual floor boards are locked and placed with the help of the patented UNI *fit!* connection.

- Check the flooring for visible damage / defects. Determine which is the tongue and which is the groove (Figure 1 / Figure 2).
- Start installing the first two rows in the left-hand corner of the room, ensuring that both tongue sides of the first board face the wall and both groove sides face the fitter (Figure 1 / Figure 2).
- The boards of the first two rows may be installed simultaneously, that is, in constant alternation while observing the minimum offset of the end joins are at 20 cm, as represented and described below.



Board 1 = Install in a left-hand corner of the room.

Board 2 = Longitudinal angling of this shortened board. For this purpose, place the longitudinal tongue at a slight angle from above into the longitudinal groove of Board 1 and lower the Board 2 until it reaches a flat position (see Figure 3).

Board 3 = Longitudinal angling & pressing on the gable end. To begin with, return the longitudinal tongue at a slight angle from above into the longitudinal groove of Board 1. Now push Board 3 in this slanted position towards the gable end of Board 2, until the gable ends of both boards push against each other and fit perfectly. Once again lock the longitudinal connection by lowering and at the same time the frontal connection by pressing until it clicks into place (see Figure 4).

Board 4 = Longitudinal angling on the opposite side and pressing on the gable end as before. Place the longitudinal groove at a slight angle under the longitudinal tongue of Board 3. Push Board 4 in this slanted position towards the front of Board 1, until the gable ends of both boards push against each other and fit perfectly. Now once again lock the longitudinal connection by lowering and at the same time the frontal connection by pressing until it clicks into place (see Figure 5).

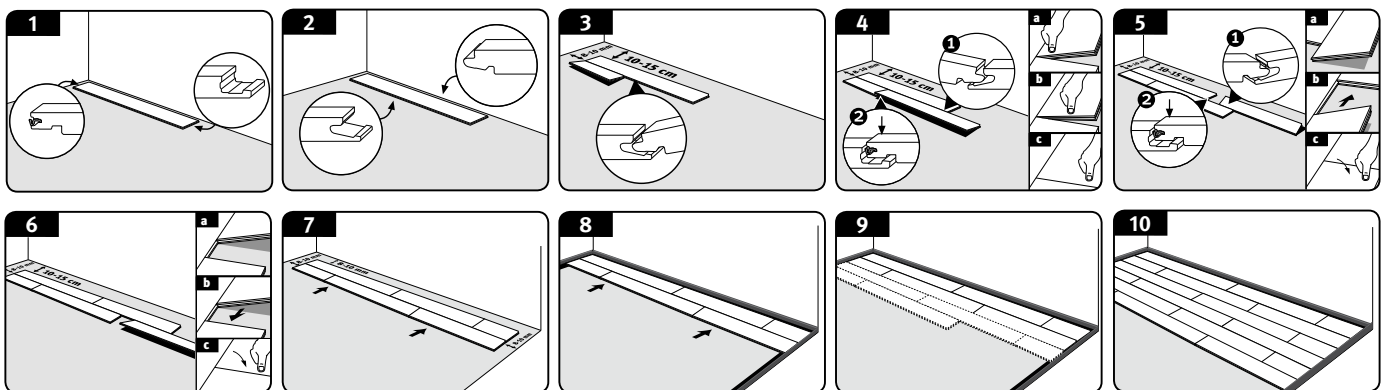
Board 5 = Longitudinal angling and pressing on the gable end (see Board 3).

Board 6 = Longitudinal angling and pressing on the gable end (see Board 4).

Board 7 = Longitudinal angling and pressing on the gable end (see Board 3)

Board 8 = Longitudinal angling and pressing on the gable end (see Board 4).

Install all remaining boards for the first and the second row as described above and cut the last boards to fit (see Figures 6 & 7). Subsequently, position the first two rows while observing the wall distance (8-10 mm) to the long side wall and place the spacers (lengthwise and crosswise).

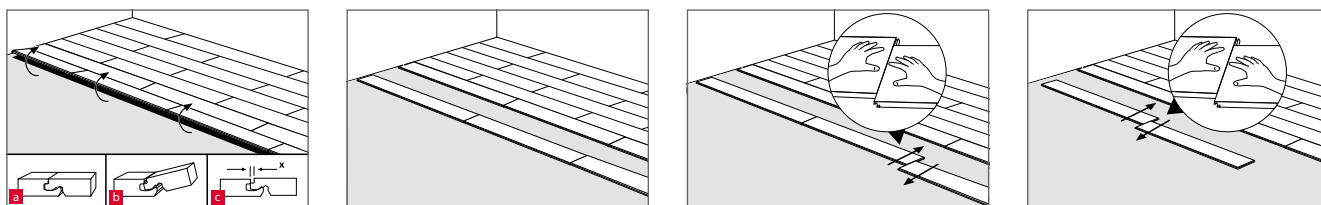


- Install the first board of the third row by inserting the longitudinal tongue side into the longitudinal groove of the second row at a slight angle from above. Then lower the board until it is lying flat.
- To install the second board of the third row, once again tilt the long edge with the tongue down and slide it into the groove on the long side of the second row. With the board in this tilted position, now slide it towards the end of the first board in the third row until the frontal connection mechanisms are above each other so they fit perfectly. Once again, lock the long edge by lowering the board and the front by pressing until you can feel it lock.
- Install all remaining boards for the third row as described above, adjusting the length of the first and / or last board if necessary.
- All subsequent rows are always started with the remaining panel in the preceding row, if it is at least 200 mm long and the minimum offset of the end joints is thus observed.
- You can continue to install board after board now. In order to prepare the last row of boards for the installation, take the board and place it exactly on top of the penultimate row. By means of a board left-over (board width), it is possible to transfer the wall contour to the board within a pre-chosen distance.

Attention! Make sure that the end joints are offset at least 200 mm. In case of products supplied with the bevel and / or with a special design (e.g. tiles decor), ensure the offset is even according to the bevel and / or pattern.

Removal / dismantling of boards in the case of floating installation

In order to replace installed boards without destroying them, you first have to unlock the entire row by tilting it and then offset the boards at the ends while they are laying flat. Proceed with due care in order to avoid damaging the tongue and groove.



4.2. Installation by means of full-surface bonding

EGGER Aqua+ laminate flooring can be full-surface glued with the help of the patented UNI *fit!* connection both in private residences and in commercial areas.

As a general rule:

- The sub-floor prepared for floor cladding works must be dry, clean, free of separating agents, crack-free, level, as well as display tensile and compression strength according to DIN 18365 and DIN 18202. With regard to levelness, the increased requirement of $\leq 2 \text{ mm/m}$ must be observed.
- The flooring fitter must express any concerns in writing if the sub-floor is not ready for installation, i.e. if it displays defects or the top floor may be damaged due to the sub-floor's structure.
- If the levelness of the sub-floor as required for installation is not achieved, a system-specific base coat and / or filling must be applied.
- The screed must be sanded and aspirated with an industrial vacuum cleaner.

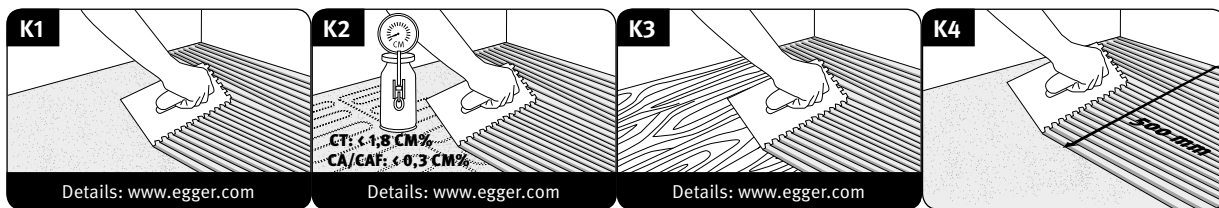
The full-surface bonding of Aqua+ laminate flooring requires:

- the exclusive use of those adhesives listed and approved under www.egger.com.
- All specifications provided by the adhesive manufacturer, for example fitting and setting times, must be observed.
- The adhesive must be applied on the entire surface with the stipulated trowel notch. Depending on the sub-floor, the notched trowel must be replaced by a new one every 30 - 50 m².
- As a general rule: faulty placements in the adhesive bed must be avoided and ground coats or fillings that may be necessary must be executed system-specifically, as installation safety and an optimal installation result can only be guaranteed by using coordinated building materials.
- EGGER Holzwerkstoffe Wismar GmbH & Co. KG is not liable for the correct use and processing of the adhesive system.

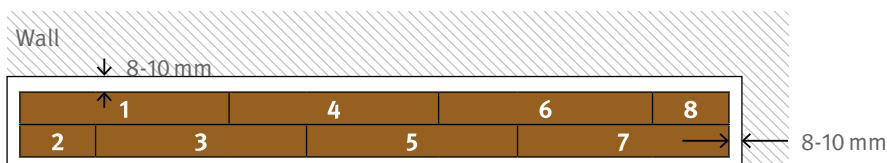
Installation

In the case of the full-surface bonding of EGGER Aqua+ laminate flooring, the individual floor boards are locked with the help of the patented UNI *fit!* connection, placed and pressed one by one into the adhesive bed, so that the full surface of the board reverse is covered.

- Check the boards for visible damage / defects before installation. Also make sure that the reverse side of the EGGER Aqua+ laminate flooring is free of dust and determine where the tongue and the groove of the floor boards is (Figure K5 / Figure K6).
- The adhesive is applied on the prepared sub-floor with the help of a notched trowel. As a rule, you start applying the adhesive in a left-hand room corner and continue across the entire length of the rows to be installed, for a maximum width of 50 cm, so that there are always 2 rows of EGGER Aqua+ laminate flooring that can be installed in one go (Figure K1 / Figure K2 / Figure K3 and Figure K4 / K7).



- Start installing the first two rows in a left-hand corner of the room at a distance to the wall of 8-10 cm, with both tongue sides of the first board facing the wall and both groove sides facing the installer (Figure K8).
- The boards of the first two rows may be installed simultaneously, that is, in constant alternation while observing the minimum offset of the end joins at 20 cm, as represented and described below.



Board 1 = Installation and pressing in a left-hand corner of the room (Figure K8).

Board 2 = Longitudinal angling of this shortened board. For this purpose, place the longitudinal tongue at a slight angle from above into the longitudinal groove of Board 1 and lower Board 2 until it reaches a flat position and press it into the adhesive bed (Figure K9).

Board 3 = Angling the long side and pressing on the gable end side. To begin with, return the longitudinal tongue at a slight angle from above into the longitudinal groove of Board 1. Now push Board 3 in this angled position towards the gable-end side of Board 2, until the gable-end sides of both boards push against each other and fit perfectly. Now lock the longitudinal connection by lowering it and at the same time the gable-end connection by pressing until it clicks into place, so that the full surface of the board is located in the adhesive bed (Figure K10).

Board 4 = Longitudinal angling on the opposite side and pressing on the gable end as before. Place the longitudinal groove at a slight angle under the longitudinal tongue of Board 3. Push Board 4 in this slanted position towards the front of Board 1, until the gable ends of both boards push against each other and fit perfectly. Now once again lock the longitudinal connection by lowering and at the same time pressing the gable-end connection until it clicks into place and the full surface of the board is located in the adhesive bed (Figure K11).

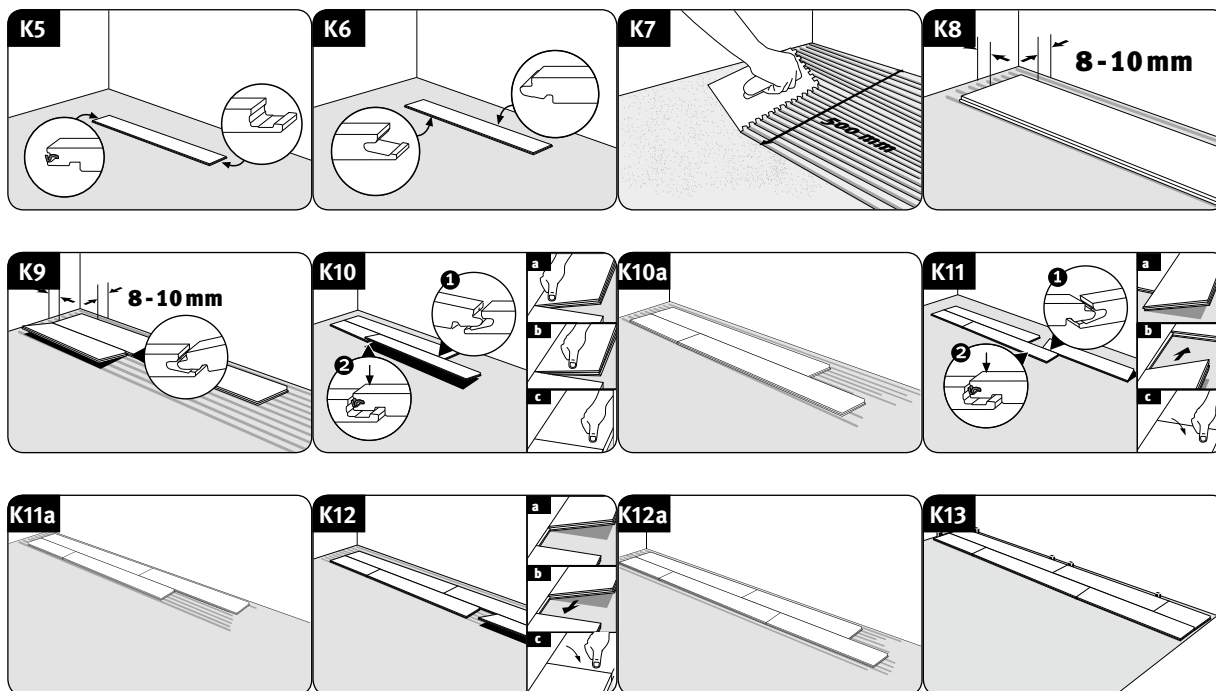
Board 5 = Longitudinal angling, gable-end pressing of the UNI *fit!* connection and pressing the floor board into the adhesive bed (see Board 3).

Board 6 = Longitudinal angling, gable-end pressing of the UNI *fit!* connection and pressing the floor board into the adhesive bed (see Board 4).

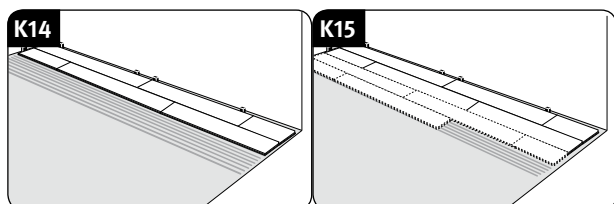
Board 7 = Longitudinal angling, gable-end pressing of the UNI *fit!* connection and pressing the floor board into the adhesive bed (see Board 3).

Board 8 = Longitudinal angling, gable-end pressing of the UNI *fit!* connection and pressing the floor board into the adhesive bed (see Board 4).

Install all remaining boards for the first and the second row as described above. The last boards are cut to length (Figure K12 / Figure K13).



- Subsequently, reapply adhesive with the notched trowel across the entire length for a width of maximum 50 cm, so that the next 2 rows of the EGGER Aqua+ laminate flooring can be installed one after the other, one board at a time (Figure K14 + K15).



- Install the first board of the third row by inserting the longitudinal tongue side into the longitudinal groove of the second row at a slight angle from above. Then lower the board until it is lying flat and press it into the adhesive bed.
- To install the second board of the third row, once again angle the long edge with the tongue down and slide it into the groove on the long side of the second row. With the board in this tilted position, now slide it towards the end of the first board in the third row until the frontal connection mechanisms are above each other so they fit perfectly. Now lock the long edge by lowering the panel and the gable-end by pressing until you can feel it lock and the full surface of the board is in the adhesive bed and press the floor board against the adhesive bed.
- Install all remaining boards of the third row as described above. The first and / or last board is once again cut to length.
- All subsequent rows are always started with the remaining panel in the preceding row, if it is at least 200 mm long and the minimum offset of the end joints is thus observed.
- You can continue to install board after board now.
- In order to prepare the last row of boards for installation, take the board and place it exactly on top of the row before last. By means of a board left-over (board width), it is possible to transfer the wall contour to the board within a pre-chosen distance.

Installation

Attention!

- Make sure that the end joints are offset at least 200 mm. In case of products supplied with factory-produced bevel and / or with special design (e.g. tiles decor), ensure the offset is even according to the bevel and / or pattern.
- The drying and hardening time of the respective adhesive must be observed before the installed EGGER Aqua+ laminate flooring surface is approved for use.

4.3. Installation in wet room areas

Definition of a wet room

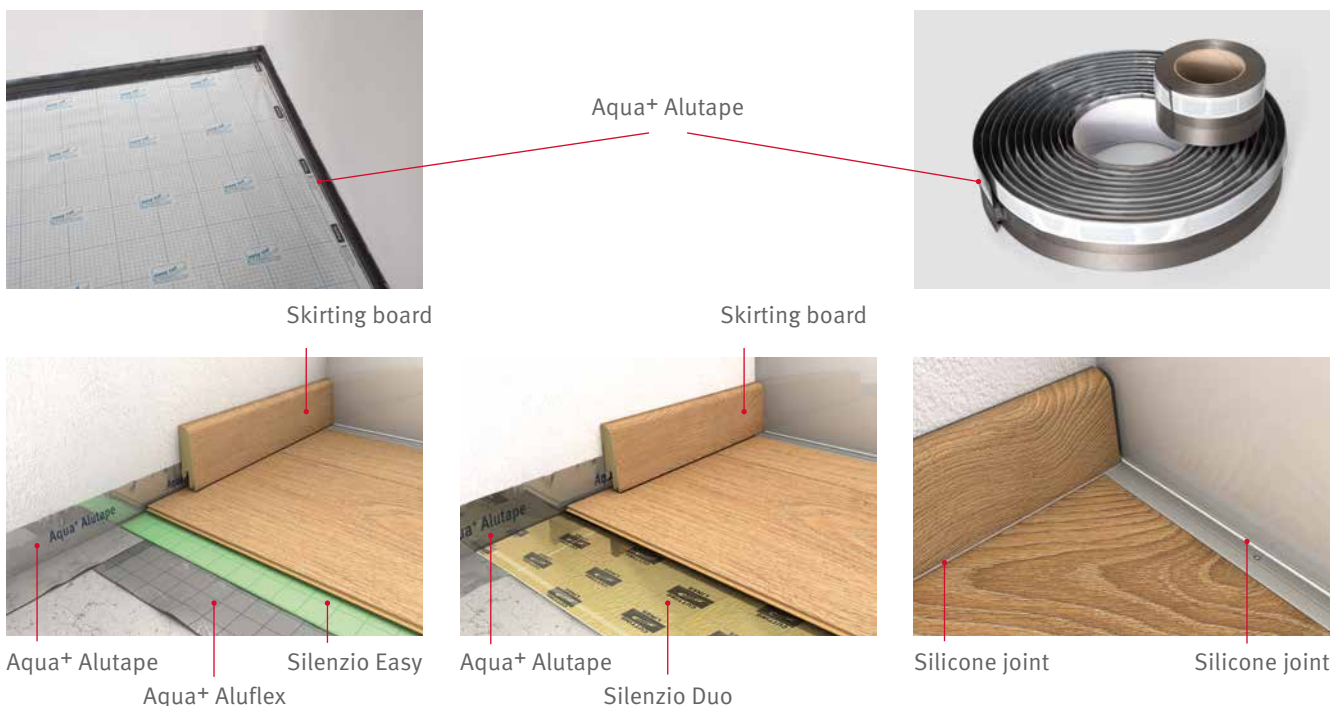
- Rooms with elevated but not permanent moisture / liquid exposure and / or periodically high ambient humidity. Examples of wet rooms include bathrooms, kitchens, hallways and entrance areas.
- **Attention!** Applications exclude liquid rooms (such as for example, saunas, steam baths, shower cabins or cells, community laundry rooms and swimming pool areas), areas with permanent moisture or liquid, as well as any outdoor area.

4.3.1. Floating installation in wet rooms

The floating installation of EGGER Aqua+ laminate flooring in wet room areas can be done on all types of screed, including heated screeds on the basis of hot water, as well as existing floor coverings of ceramic tiles which can be considered ready for installation in view of the requirements outlined under section 2.1. Furthermore, the sub-floor must be properly sealed prior to installing the EGGER Aqua+ laminate flooring (see DIN 18534 waterproofing for indoor applications & water action classes) in order to permanently prevent moisture damage to the construction.

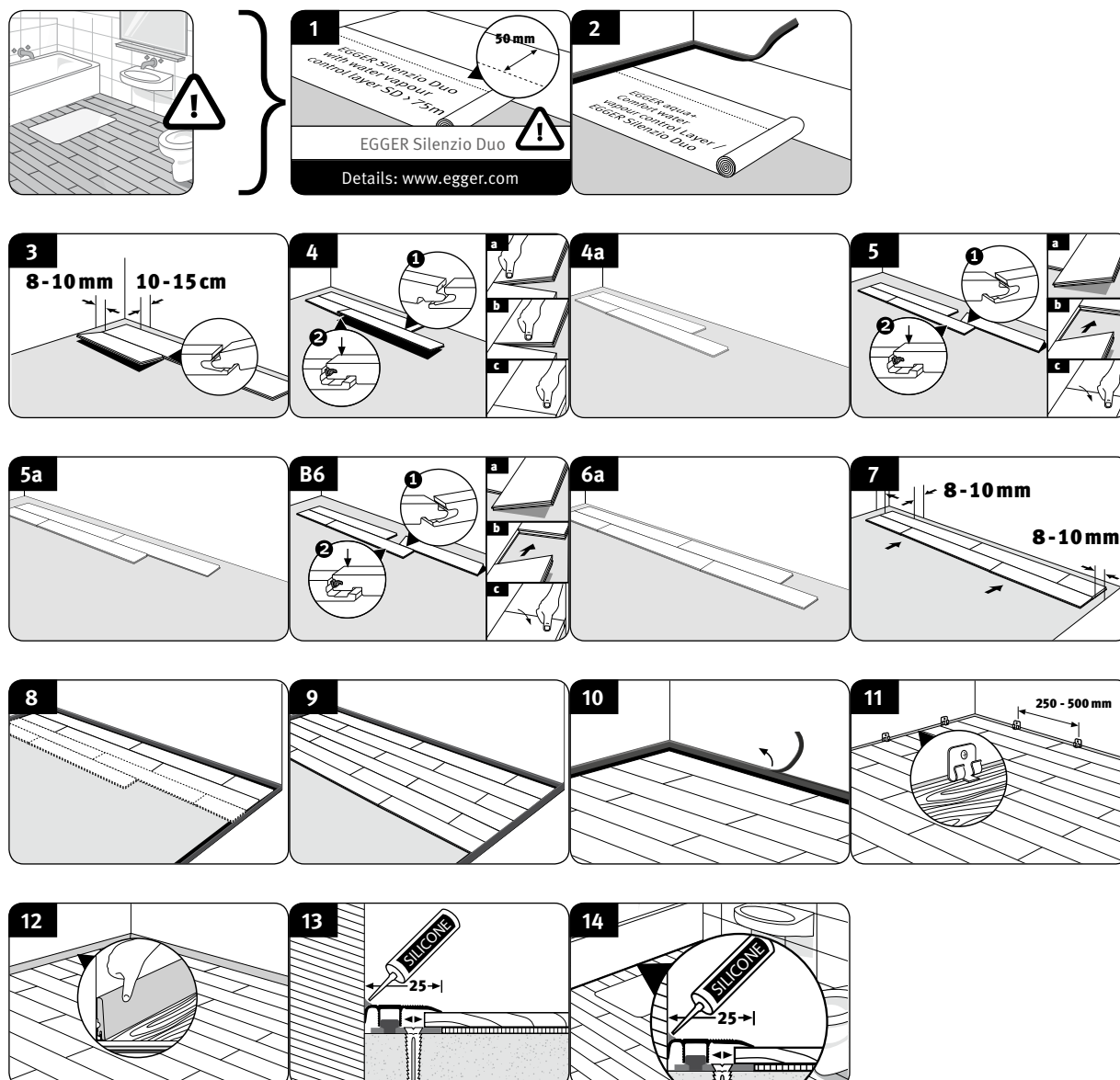
Floor structure:

- 1) Sub-floor (cement screed, calcium sulphate screed, calcium sulphate flow screed and their heated screeds on the basis of hot water, ceramic tiles)
- 2) Construction sealing (composite waterproofing, see DIN 18534 waterproofing for indoor applications & water action classes)
- 3) Underlay mats:
 - Option A: EGGER Silenzio Duo & EGGER Aqua+ Alutape (sealing off wall connection areas)
 - Option B: EGGER Aqua+ Aluflex & EGGER Silenzio Easy & EGGER Aqua+ Alutape (sealing off wall connection areas)
- 4) EGGER Aqua+ laminate flooring



Attention! It is absolutely necessary to ensure the full-surface installation of the system-specific moisture protection film and to use EGGER Aqua+ Alutape to seal off the wall connection areas in a trough shape (Figure 1 + 2).

The actual installation of the EGGER Aqua+ laminate flooring takes place as described in section 4.1, where the individual floor boards are locked with the help of the patented UNI fit! connection. The spacer tape integrated in the EGGER Aqua+ Alutape ensures that the necessary wall distance is maintained. After completing the installation, the spacer tape must be removed (Figure 10).



Only transition, adjustment and end profiles made of aluminium may be used. The joint between profile and wall must be sealed in a waterproof manner with an elastic joint seal.

Installation

4.3.2. Full-surface bonding in wet room areas

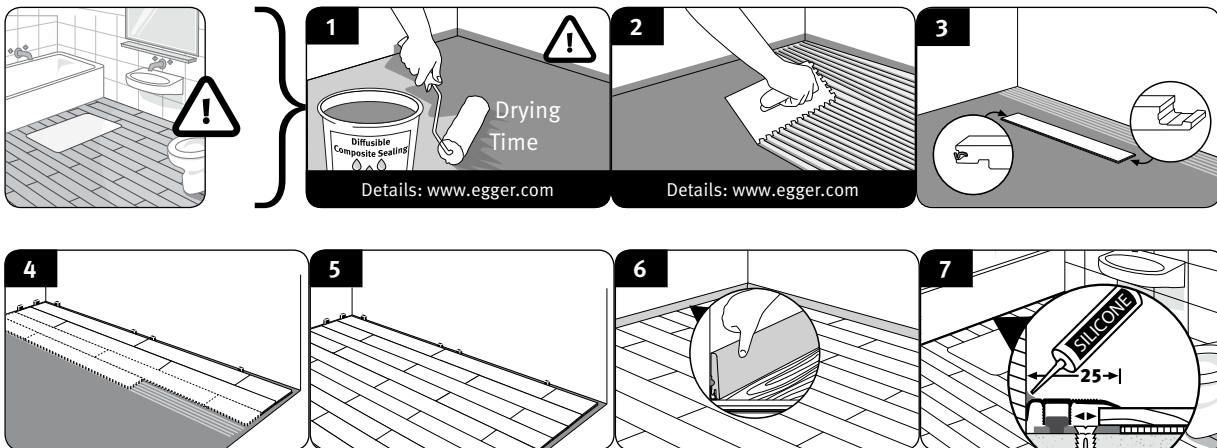
The full-surface bonding of EGGER Aqua+ laminate flooring in wet room areas can be done on all types of screed, including heated screeds on the basis of hot water, which can be considered ready for installation in view of the requirements outlined under point 2.1.

- If the levelness of the sub-floor as required for installation is not achieved, a system-specific base coat and / or filling must be applied. The screed must be sanded and aspirated with an industrial vacuum cleaner.
- Furthermore the sub-floor must be properly sealed prior to installing the EGGER Aqua+ laminate flooring (DIN 18534 waterproofing for indoor applications & water action classes) in order to permanently prevent moisture damage to the construction.
- Ceramic tiles are only permitted as a sub-floor if a system-specific base coat is applied prior to installation and the tiles are filled.

Floor structure:

- 1) Sub-floor (cement screed, calcium sulphate screed and their heated screeds on the basis of hot water)
- 2) System-specific composite waterproofing (see DIN 18534 waterproofing for indoor applications & water action classes)
- 3) Adhesive (for approved adhesives please see www.egger.com)
- 4) EGGER Aqua+ laminate flooring

The actual installation of the EGGER Aqua+ laminate flooring takes place as described in section 4.2, where the individual floor boards are locked with the help of the patented UNI *fit!* connection.



Attention!

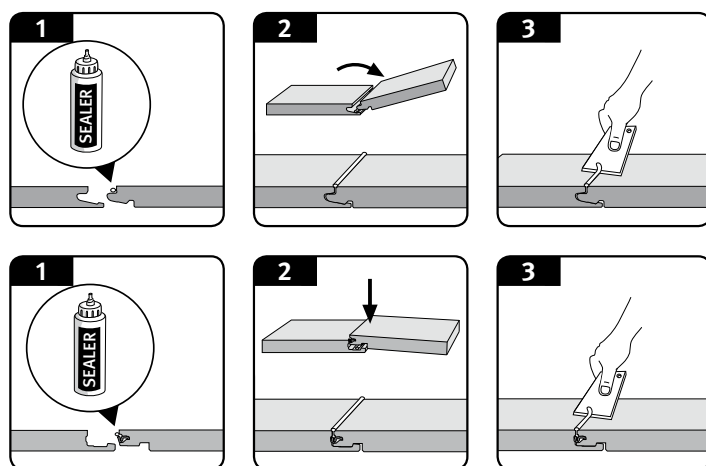
- Only transition, adjustment and end profiles made of aluminium may be used. The joint between profile and wall must be sealed in a waterproof manner with an elastic joint seal.
- The drying and hardening time of the respective adhesive must be observed before the installed EGGER Aqua+ laminate flooring surface is approved for use.

4.4. Additional installation instructions

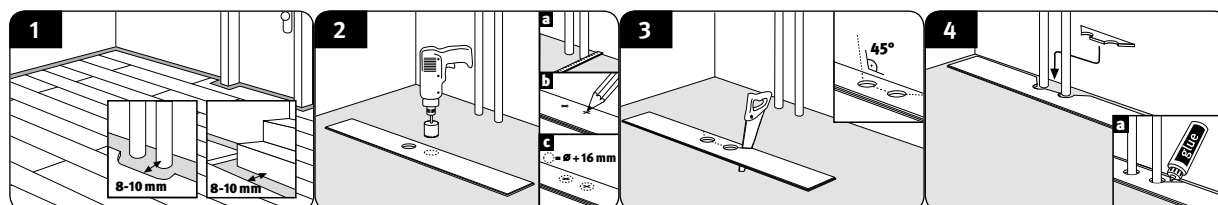
Commercial areas

When installing Aqua+ laminate flooring in commercial areas with direct contact to outdoors areas, the entry area must include a clean-off zone of sufficient size lowered into the floor structure. If such a clean-off zone is not possible, the boards in the entry area must be sealed off with the system specific Aqua+ Clic Sealer. The Aqua+ Clic Sealer must be applied on the length and the gable end of the tongue of the newly installed board. This is so that, when the boards are joined, it covers the entire length. Ensure that the boards underneath the Clic Sealer are installed without a gap. Excess Clic Sealer is easy to remove from the surface immediately or after a short drying period.

(Attention! Due to the profile, the right dosage of Aqua+ Clic Sealer must be observed, in particular on the short side).

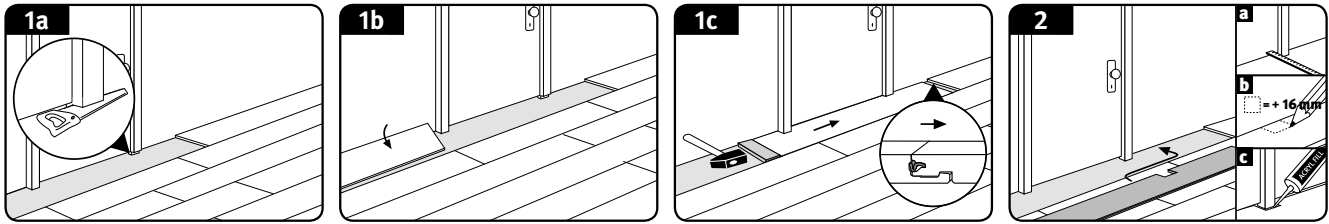


Pipes



- Measure the position of the pipes and mark it on the panel (allow for edge joint).
- Drill at least 16 mm more than the diameter of the pipe.
- Saw the holes at a 45° angle.
- Fit and glue the sawn piece.

Door frames



If there are wooden door frames, it is recommended to shorten these by the installation height (flooring plus underlay material or adhesive application) in consultation with the customer (Figure 1a).

- Install the Aqua+ laminate flooring with an appropriate wall / edge joint up to the underside of the frame. If the installation takes you to a door frame, the respective board can be angled longitudinally and lowered. Subsequently, the board placed flat on the floor is pushed / tapped under the door frame and the gable-end connection is locked by horizontal tapping with a hammer and tapping block (Figures 1b + 1c).
- If you have a door frame that cannot be shortened, e.g., one made of metal, we recommend that you seal or cover the wall / edge joints with non-shrink sealant or suitable end profiles (Figure 2).

Flooring profiles and skirting boards

Following the proper installation of the EGGER Aqua+ laminate flooring both the required profiles and the skirtings are installed. In the wet room area (e.g. bathroom) the joint between the laminate floor and the skirting and / or between the aluminium end profile and the wall must be waterproofed. Short instructions for straightforward installation are included with the system-related accessories.

Attention! With most types of profile, the base (sub-profile) taking the cover profile must be installed prior to installing the laminate floor.

For special installation instructions and for other technical issues, please contact your retailer.

5. Cleaning and maintenance

- Entrance areas must be fitted with a properly sized clean-off zone / doormat.
- In commercial applications where the Aqua+ laminate flooring surface is directly adjacent to the outside area, an embedded and appropriately sized clean-off zone must be built into the floor structure.
- Attach felt pads to the feet of furniture, including chairs and tables. Clean these regularly, check for proper functionality and replace if required.
- Lift furniture when moving it rather than pushing or dragging.
- Use soft furniture castors (type W) in the case of office chairs and all other objects on castors. Clean office chair and furniture castors regularly, check for proper functionality and replace if required.
- Do not let puddles / splash (wet) or moisture dry off on the Aqua+ laminate flooring, but rather wipe them dry as soon as possible (within 1 hour).
- Aqua+ laminate flooring can be cleaned with regular steam cleaners without adding additional substances / cleaning products. In doing so, the steam cleaner must be in constant movement, so that local steam contact of more than 30 seconds is avoided.
- Aqua+ laminate flooring can be cleaned with a damp cloth.
- Any sanitary cleaners that get on the Aqua+ laminate flooring must be removed immediately (within 15 minutes). The affected area must then be neutralised with water.
- Never use abrasives or scouring agents on the Aqua+ laminate flooring.
- Do not use cleaning products that may leave a residue. We recommend our system-related flooring cleaner Clean-it from EGGER.
- Waxing and / or polishing is neither necessary nor permitted.
- Subsequent surface sealing of Aqua+ laminate flooring is not necessary and not permitted.
- The hard floor nozzle (brush accessory) must be used when vacuum cleaning.

No matter how hard-wearing your floor is, a laminate floor board may still get damaged. If the damage is slight, the problem can be easily solved with EGGER's system-related repair paste Decor Mix & Fill. If the damage is more serious, a professional installer will be able to replace one or multiple flooring boards. Separate instructions are available upon request.

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