Installation instructions

Designböden 340 Click+



JOKA® INKU

Installation instructions – Designböden 340 Click+

JOKA design flooring 340 Click+ and INKU design flooring 340 Click+ comply with the latest technical standard. To achieve best installation results and preserve warranty, the following regulations must be kept:

Please read these installation instructions through completely before installation.

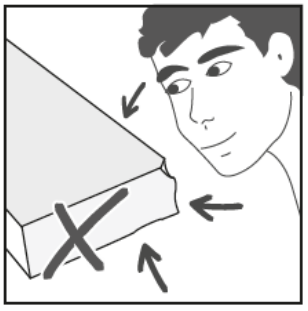
Preparation:

The following values apply for residual screed moisture:

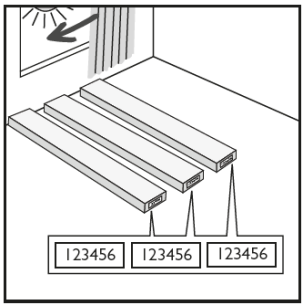
Screeds	Permissible residual moisture in CM-% without hot water underfloor heating	Permissible residual moisture in CM-% with hot water underfloor heating
Calcium sulphate and calcium sulphate flowing screed	≤ 0.5	≤ 0.3
Cement screed	≤ 2.0	≤ 1.8

A CM measurement must always be carried out before every installation!

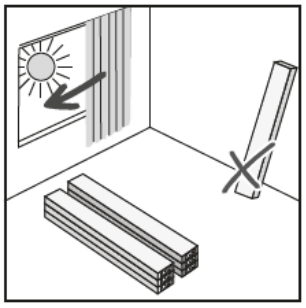
Checking the goods before installation:
Before installation, check the goods in daylight for material and transport damage. If faults should be recognised during installation, further processing must be stopped immediately so that the goods can be inspected or replaced if necessary. Later complaints will not be accepted.



Make sure that the packages to be used for the installation area are from the same batch in order to avoid deviations in colour. The batch numbers can be found on the package labels. They must be quoted on re-orders.
Avoid direct sun radiation both during acclimatisation and during installation.



Storage and acclimatisation:
Before you install design flooring 340 Click+ you must store the packages in the rooms where they are to be laid or in adjacent rooms with the same room climate for a period of at least 48 hours so that the material can acclimatise. Store the packages in the middle of the room in small stacks (approx. 3 packages) and space the packages out.



The following room acclimatisation conditions must be observed at least 48 hours before and another 72 hours after installation:

Substrate temperature	**:**	**Min. 15 °C – max. 25°C**
Room temperature	**:**	**Min. 18 °C – max. 27°C**
Room air humidity	**:**	**45% to 65% rel. air humidity**

The client is responsible for ensuring the climatic conditions are observed.

All previous issues are no longer valid on publication of this version! With this information, our intention is to advise you to the best of our knowledge based on the tests we have performed, our experience, the applied standards and the accepted rules of good practice in our trade. The on-site circumstances are not known and must be checked by a specialist, with the construction being adapted if necessary.
W. & L. Jordan GmbH | Horst-Dieter-Jordan-Straße 7-10 | D-34134 Kassel | Tel. +49 56 1 / 941 77 0 | Fax. + 49 56 1 / 941 77 930 | Info@joka.de | http://www.joka.de

Installation plan:

Prepare an installation plan before starting installation work. Note the expansion and movement joints as well as the room geometry. Generally, installation direction in parallel to the main light source is recommended. Adapt the installation direction to the circumstances in the room if necessary. Narrow and/or long rooms can seem larger if the elements are installed crosswise. Please involve the client in the decision.

Substrates:

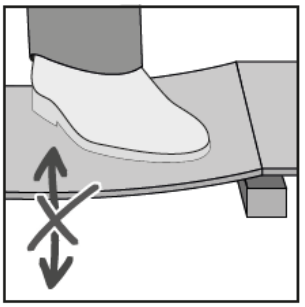
The substrate must be permanently dry, firm, load-bearing and level. The surface should be sanded and free of dust. The relevant national standards and guidelines, technical references and recognised rules of the trade apply for the installation of design flooring 340 Click+. In Germany, the following guidelines should be paid particular attention: DIN 18365 “Flooring works” and 18202 “Tolerances in building construction”.

Mineral substrates:

1. Mineral substrates must be firm, permanently dry, sufficiently load-bearing and free of dust, solvents, paint, wax, grease and oil.
2. New mineral substrates must be sufficiently dry and pre-treated. The processing company is responsible for this! In the case of priming work with moisture retarding effect, the moisture remains in the screed longer and can no longer escape via the surface. The remaining moisture is dissipated via the edge areas through the natural drying process and can lead to damage there. Calcium sulphate screeds must not be closed off.
3. Holes, cracks and other damage must be repaired before installation using suitable materials.
4. Underfloor heating systems with hot water are suitable up to a maximum surface temperature of 29°C.

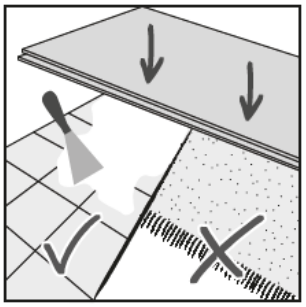
Wooden substrates:

All wood and wood-mix surface treatments are suitable for use under design flooring 340 Click+ provided they are level and free of textures (such as e.g. with plywood or OSB boards). Fasten all loose parts permanently first. To avoid mould formation the hollow chambers must be sufficiently ventilated under the structure and the moisture content of the wood should not exceed 10%. The laid level must not give or swing under load.



Old coverings:

Design flooring 340 Click+ can be installed on most hard coverings. Before design flooring 340 Click+ is installed on ceramic tiles, these should be treated with a suitable levelling or filling mass in accordance with the manufacturer's instructions to level the joints. In addition, it is absolutely necessary to remove textile and other soft coverings before installing design flooring 340 Click+. Note that the material mix can lead to changed indentation behaviour etc. Thus, permanent indentations cannot be excluded in flexible top coverings. Floating old coverings must always be removed prior to installation.

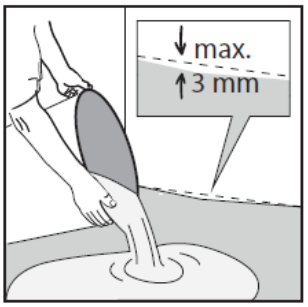


Even if design flooring 340 Click+ is for floating installation, the right preparation of the substrate is key to successful installation here, too. Insufficient preparation can lead to an unsatisfactory overall appearance, clear joint formation through to destruction of the floor structure.

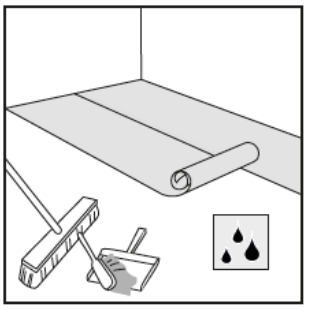
All previous issues are no longer valid on publication of this version! With this information, our intention is to advise you to the best of our knowledge based on the tests we have performed, our experience, the applied standards and the accepted rules of good practice in our trade. The on-site circumstances are not known and must be checked by a specialist, with the construction being adapted if necessary.

W. & L. Jordan GmbH | Horst-Dieter-Jordan-Straße 7-10 | D-34134 Kassel | Tel. +49 56 1 / 941 77 0 | Fax. + 49 56 1 / 941 77 930 | Info@joka.de | http://www.joka.de

Installation:

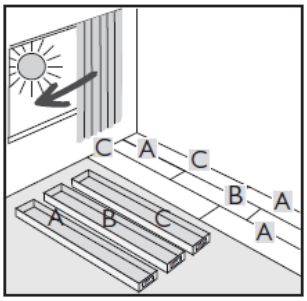


Substrate preparation:
Check the substrate for unevenness. Unevenness of more than 3 mm per metre must be compensated using a suitable levelling mass. If this is not heeded, joints may open, or the overall impression will certainly not be satisfactory.

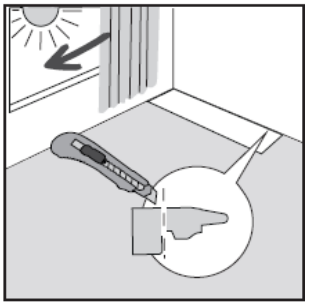


First, install a PE film 0.2 mm thick. Allow the lengths to overlap by at least 20 cm and mask them using e.g. JK119. Allow the film to rise at the edges, forming a tub.

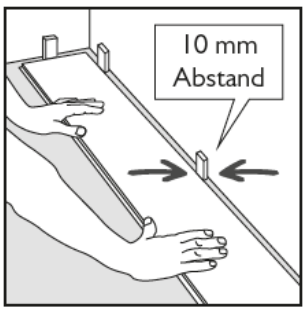
If the installation is on an existing wooden substrate, a vapour control layer may not be used.



To achieve a harmonious appearance, mix the goods from at least three packages or more (of the same batch). Make sure that the decors of adjoining elements are different. If there are installation arrows on the back, please follow the given direction. There may be a negative effect on the optical result if this is not heeded.



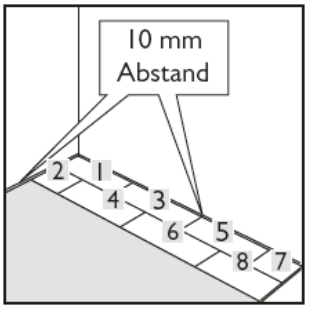
Start installation in accordance with the installation plan in the left-hand corner of the longest room wall. The click connection on the end and long side facing the adjacent walls must be cut off. This also applies to the following elements that are laid directly against walls.

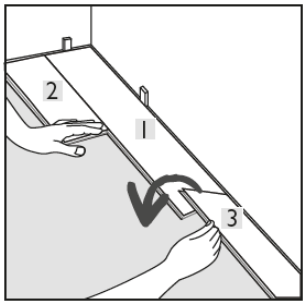


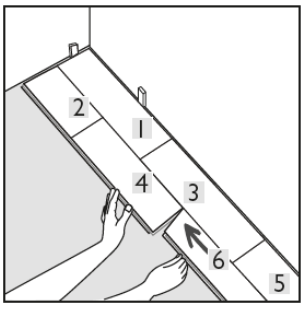
Keep a clearance of at least 10 mm during the first installation row and then to all upright construction elements (walls, pillars, heating pipes etc.). This can be achieved using spacer wedges. Non-observance will lead to the floating structure being under tension and will lead to bulging in the floor covering resulting in possible destruction of the click connection.

All previous issues are no longer valid on publication of this version! With this information, our intention is to advise you to the best of our knowledge based on the tests we have performed, our experience, the applied standards and the accepted rules of good practice in our trade. The on-site circumstances are not known and must be checked by a specialist, with the construction being adapted if necessary.
W. & L. Jordan GmbH | Horst-Dieter-Jordan-Straße 7-10 | D-34134 Kassel | Tel. +49 56 1 / 941 77 0 | Fax. + 49 56 1 / 941 77 930 | Info@joka.de | http://www.joka.de

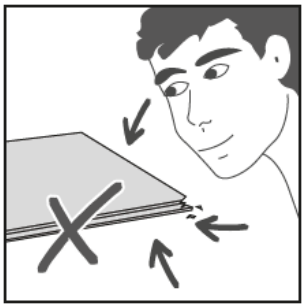
Lay the first two rows in accordance with the pattern shown.
Lay the 1st element in the left-hand room corner.
Shorten the 2nd element and insert it square on the long side. To do this, insert the tongue on the long side into the groove on the long side of the 1st element at an angle from above and lower the 2nd element until it is flat.
Press the 3rd element into the end of the 1st element. Now insert the 4th element at an angle from above again into the groove on the long side of the 1st element. Now push the 4th element in this angled state against the end of the 2nd element until the ends of both elements join exactly matched. Now lock the long-side connection by lowering the element and the end connection by pressing at the same time until you feel it click into place. The use of an LVT hammer may be necessary for connecting the ends. Please tap elements only lightly with this. Forceful hammering can lead to destruction of the connection.





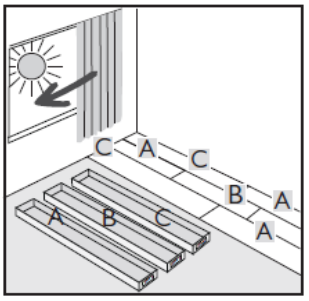


The end offset must always be at least 30 cm as well.
Insert the elements in the second row square at the end again first, and click the long side into place exerting a little pressure. The same procedure is used for installing the other elements.

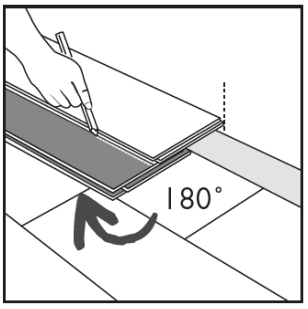


During installation, mix elements from at least three or more packages from the same batch and check them for material faults. Elements with visible material faults must not be installed.

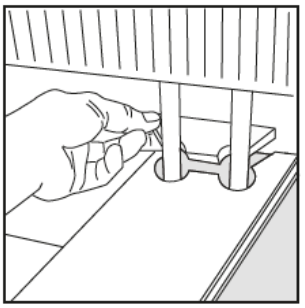
Installed elements with visible material faults are excluded from complaints!



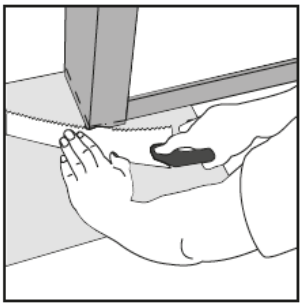
Cut the elements for the last row to size. Proceed as before for locking the ends. A permanent connection of the perhaps narrow last row is achieved using a cold welding agent type A. Locking of the long side can be supported by pull bars or similar tools. Make sure no permanent connection is made to the substrate. Note the edge spacing of 10 mm to be observed here too.
Do not apply pressure or increased force of any kind!



All previous issues are no longer valid on publication of this version! With this information, our intention is to advise you to the best of our knowledge based on the tests we have performed, our experience, the applied standards and the accepted rules of good practice in our trade. The on-site circumstances are not known and must be checked by a specialist, with the construction being adapted if necessary.
W. & L. Jordan GmbH | Horst-Dieter-Jordan-Straße 7-10 | D-34134 Kassel | Tel. +49 56 1 / 941 77 0 | Fax. + 49 56 1 / 941 77 930 | Info@joka.de | http://www.joka.de

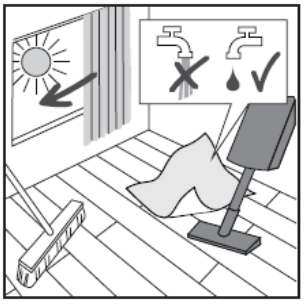


Radiators (or upright construction elements on the area): add approx. 20mm to the diameter of the upright element and cut the element accordingly. You can glue any elements you have to cut through back together again using suitable adhesive. Again, make sure no permanent connection is made to the substrate here.



Doors: use an element section or a reversed element to mark the cutting mark on the door frame. Adapt the door frame accordingly using a suitable tool.

Cleaning:



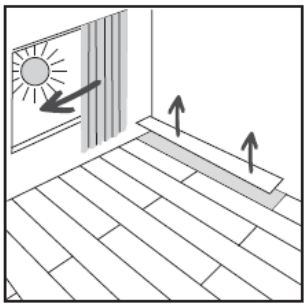
Only use a broom, vacuum cleaner or damp cloths for cleaning. Do not use microfibre cloths.

We recommend the use of our JOKA PVC design care set for cleaning on completion of installation work:

First eliminate the coarse dirt by brushing or vacuuming. For heavy soiling, dilute the PU cleaner 1:10 (1L to 10L water), for light soiling reduce the concentration accordingly. Then distribute the solution and work the floor covering after a short soaking time using a scrubber or SRP single disc machine and red pad/scrubbing brush. Pick up the cleaning waste water using an absorbent wide mop or spray vacuum with hard floor adapter. Finally, rinse off with clear water as neutralisation.

Further information about e.g. maintenance cleaning can be found in the cleaning and care instructions.

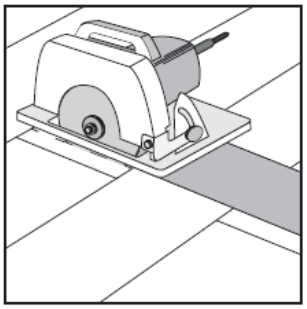
Repairs:



Design flooring 340 Click+ can be repaired easily if damaged. Damage at the edges may be able to be eliminated by removing the damaged element and installing a new one for example. If damage occurs in other places we recommend the following procedure:

All previous issues are no longer valid on publication of this version! With this information, our intention is to advise you to the best of our knowledge based on the tests we have performed, our experience, the applied standards and the accepted rules of good practice in our trade. The on-site circumstances are not known and must be checked by a specialist, with the construction being adapted if necessary.
W. & L. Jordan GmbH | Horst-Dieter-Jordan-Straße 7-10 | D-34134 Kassel | Tel. +49 56 1 / 941 77 0 | Fax. + 49 56 1 / 941 77 930 | Info@joka.de | http://www.joka.de

Use a plunge-cut saw and cutting fence to cut the centre of the damaged element out. Be careful in the edge area of the element in order to avoid damaging adjacent elements.
Now remove the other element parts from the click mechanism

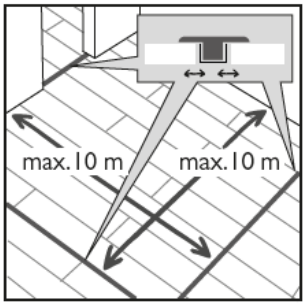


To prepare the replacement element, cut the tongue off on both the end and long side, so that the locking groove does not become damaged.

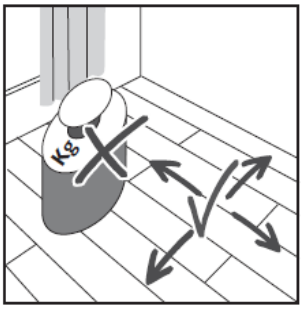
Now apply the cold welding agent to the long side and end of the prepared element and on the remaining click mechanism of the adjacent elements. Then insert the prepared element from the groove to the tongue side and weigh it down until the cold welding agent has set.

Important information:

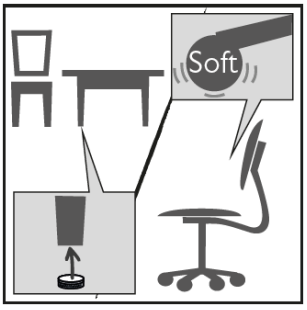
For installation in several rooms, L-shaped rooms, passage areas and large areas from 10x10m in size, a movement joint profile must be used. Also for connected areas, e.g. with several heating circuits, the movement joints present on-site must be taken over identically for the top floor covering. These can be closed using joint profiles (e.g. multi-piece transition profile that does not clamp the floor). Care must be taken that the movement joints to upright construction elements such as supporting pillars and walls are functional. We recommend that you use cork edge strips or similar to fill these areas.



Fixing the floating structure by heavy objects such as kitchen units, ovens, aquariums, water beds etc. must be avoided. If this is unavoidable, the floor covering must be able to expand freely from the fixation in all remaining directions. If this is not heeded, joints may open, or the overall impression will certainly not be satisfactory.

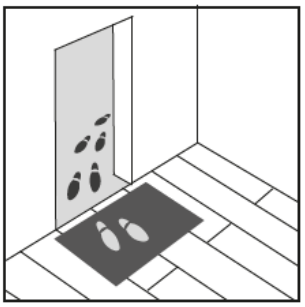


Where office chairs or objects on wheels are used, make sure suitable soft chair or furniture wheels (type W) are used. Fit suitable furniture pads to all (moveable) furniture to protect your floor from scratches.



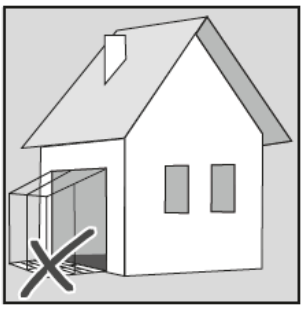
All previous issues are no longer valid on publication of this version! With this information, our intention is to advise you to the best of our knowledge based on the tests we have performed, our experience, the applied standards and the accepted rules of good practice in our trade. The on-site circumstances are not known and must be checked by a specialist, with the construction being adapted if necessary.
W. & L. Jordan GmbH | Horst-Dieter-Jordan-Straße 7-10 | D-34134 Kassel | Tel. +49 56 1 / 941 77 0 | Fax. + 49 56 1 / 941 77 930 | Info@joka.de | http://www.joka.de

To maintain the value of your floor covering for a long time, we recommend the use of suitable anti-dirt mats in the entrance area and at patio doors. Observe the manufacturer's specifications in each case.



Generally speaking, floor protection mats are recommended in heavily frequented areas to reduce partial damage or signs of wear.

Near French windows and overhead glazing, ensure there is sufficient shade, so that the surface temperature of the floor covering does not exceed the limit of 29°C. Higher temperatures will lead to expansion of the floor covering and thus to building and an unsatisfactory appearance.



Design flooring 340 Click+ is not suitable for use in conservatories and saunas.

All previous issues are no longer valid on publication of this version! With this information, our intention is to advise you to the best of our knowledge based on the tests we have performed, our experience, the applied standards and the accepted rules of good practice in our trade. The on-site circumstances are not known and must be checked by a specialist, with the construction being adapted if necessary.

W. & L. Jordan GmbH | Horst-Dieter-Jordan-Straße 7-10 | D-34134 Kassel | Tel. +49 56 1 / 941 77 0 | Fax. + 49 56 1 / 941 77 930 | Info@joka.de | http://www.joka.de