

Installation instructions for wineo 600 rigid design flooring for clicking in Heterogeneous plastic planks for floating installation – flooring type according to EN 16511

Tools required for installation

- Flooring knife with trapezoidal blade
- Folding rule / tape measure
- Spacers
- Pencil / T-square
- Laminate punch and jigsaw if necessary

Preparations and important information before starting installation

Checking the goods

Before starting work, make sure that the delivered goods are in perfect condition. Claims cannot be made against goods that have been cut or installed. We guarantee that each delivery will consist of goods from the same batch. Always store wineo 600 in a dry place. The film is not a replacement for a dry storage location and does not offer lasting protection against moisture.

The relevant national standards, guidelines and regulations, together with the technical documents and generally acknowledged rules of the trade, apply when installing wineo 600.

Acclimatisation

The design flooring should be left to acclimatise in the room where it is to be installed for at least 24 hours before installation, unopened in stacks of max. 3 boxes, under the following conditions.

Indoor climate conditions

- Room air temperature > 18°C
- Floor temperature min. 15°C to max. 25°C
- Relative humidity < 65%

Substrate condition

The substrate must be level, stable and permanently dry. The maximum height tolerance must not exceed 3mm per metre, or, for tile edges, 1mm over 10cm. Larger height differences may have to be corrected by filling / levelling the entire surface of the floor.

Textile floor coverings and needle punch must be removed. In general, removing old floor coverings is recommended.

Note: Whoever is installing the floor should examine the substrate prior to commencing and report any concerns, if necessary.

Particularly in the case of:

- significant unevenness,
- cracks in the substrate,
- insufficiently dry substrate,
- a substrate surface that is not solid enough, or too porous or too rough,
- a contaminated substrate surface, e.g. due to oil, wax, lacquers or paint residues,
- incorrect substrate surface elevation with respect to the elevation of adjacent components,
- unsuitable substrate temperature,
- unsuitable indoor climate,
- lack of heating protocol in heated floor constructions,
- lack of insulation strip protrusion,

- lack of measurement point markings in heated floor constructions,
- lack of joint plan.

When installing wineo 600 rigid for clicking in on underfloor heating, EN 1264-2 (Floor heating – Systems and components) must also be taken into consideration. The surface temperature should not permanently exceed 27°C.

To prevent wood-based substrate structures (e.g. timber floors) from rotting, make sure the structure is adequately rear-ventilated.

Using silentRIGID underlay material

We recommend using silentRIGID underlay material from WINEO.

This underlay material offers the following advantages:

- bridges slight unevenness in the substrate,
- reduces impact and walking noise,
- minimises any foot traffic noise caused by possible residual dirt on the substrate,
- increases walking comfort,
- improves installation properties,
- protects against interactions with existing substrates.

We recommend the use of silentRIGID when installing on:

- laminate, parquet, prefabricated wood screeds and other wood materials,
- flat stone floors, ceramic tiles, marble, stone slabs (joint requirement: width < 5mm / depth < 2mm and height offset from tile to tile max. 1mm),
- PVC flooring,
- old and new screeds.

Substrates that are not listed require approval from Windmüller GmbH.

Using unsuitable underlays may lead to the exclusion of warranty should damage occur.

Installing wineo 600 rigid

Expansion joint / edge clearances

Expansion joint at least 5mm wide. **TIP:** use left-over pieces of flooring as spacers. You must also ensure you maintain a 5mm distance to all fixtures in the room, such as pipe openings, door frames, etc. The expansion joint must not be covered by silicone, electric cables, or the like.

Installation

Install the panels with the front side facing the main source of light in the room. You can improve the inherent stability of the installed floor by installing it in the longitudinal direction of long, narrow areas.

Always work from left to right during installation. Ensure the panels' tongue sides are facing the wall. Ensure that the tongue and groove end connections overlap perfectly and lock these in place with a few light knocks with a white rubber hammer. To lay subsequent rows, take the panel left over from the previous row (needs to be at least 30cm long), lay it in the lateral groove of the row which is already in place at an angle of approximately 30° and lower it with slight pressure against the previous row. Take the next panel and align it at a similar angle of 30° along the length of the panel in the first row, which is already flat on the floor, guide it as closely as possible up to the end of the panel that has just been laid and lock in place as described above.

Use this technique to lay all the remaining rows.

To install the final row, measure the distance between the wall and the installed row and transfer this measurement onto the panel. The last row to be installed should, if possible, correspond to half a panel width. Bear in mind the 5-mm-wide expansion joint.

Movement profiles over large-scale areas

In spaces with an uninterrupted surface of up to 400m², the flooring can be installed without a joint; however, allowance must be made for a double edge distance of approx. 10mm. A side length of approximately 20.00m should not be exceeded. Movement profiles should be used in narrow, long rooms. Room areas that are interrupted by rising elements (pillars, partitions, doorways and the like) should be separated by expansion joints corresponding to the size of the area (min. 5–10mm) at the midpoint of the element.

When installing skirting boards, transition profiles or end profiles, make sure never to fasten the boards or profiles to the floor covering. Please contact our installation hotline if you require further information.

Important information regarding completing the installation

- Remove all spacers.
- Seal expansion joints / pipe ducts, etc. with profiles / rosettes or with a suitable filling cord and joint sealant.
 - Wineo 600 rigid must never be fixed down. The flooring must be fixed neither to the substrate nor to furniture or other fixed installation parts.
 - Wineo 600 rigid is not to be connected to any built-in furniture or appliances such as kitchen units, cookers, etc.
- If a work stage is complete but has not yet been accepted, please note that the contractor is subject to a duty of care (protecting the floor covering against damage during subsequent work stages).

Special features and exceptional situations

- The use of design flooring for clicking in in conservatories and similar rooms with large-scale floor-to-ceiling windows is deemed to be critical, given the extreme fluctuations in room climate. Such use must be separately discussed and approved by Windmüller GmbH.
- When using permanently elastic sealants, joint sealant tape (see Accessories, art. no. 20080300) should first be applied to the joints before adding silicone compound. Joints with permanently elastic seals constitute maintenance joints and must be regularly inspected and checked to make sure they are fit for purpose. If not, they must be renewed.
- To prevent material changes/damage, provide adequate shading when installing in areas exposed to strong sunlight and maintain a clearance of 10mm to all edges (use end profile PS400PEP if necessary).
- Provide adequately sized "radiant barriers" (e.g. glass or metal floor protection) approx. 1.0m deep around fireplaces and tiled stoves.
- For items of furniture with a high static compressive load, appropriate distribution of the load must be ensured for the weight (e.g. load distribution plates).
- Coloured rubber-based wheels and castors (e.g. car tyres, pneumatic tyres on transport equipment) in direct contact with vinyl surfaces can interact to cause irreversible colour changes.
- Any unevenness visible when caught by the light does not constitute a defect if it is within the permissible tolerance ranges.

Cleaning and care

Please note our detailed cleaning and detergent recommendations at www.wineo.de.

With the publication of these installation instructions (dated 08/2020), all previous versions are no longer valid.

This information is not intended to be exhaustive. You can obtain further information or instructions for individual installations upon request. Please address application-related questions by email to anwendungstechnik@windmoeller.de or to our hotline +49 (0)5237/609530, or visit our website at www.wineo.de.