

Installation instructions for wineo 400 / 600 / 800 for gluing

wineo 400, 600 and 800 for gluing are high-quality, resilient design floor coverings in various formats and looks. Further information is available in the technical specifications in our product descriptions.

Important general information:

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. Before installing, the goods must be checked for colour and batch uniformity. Only install tiles or planks from the same batch in a room.

The relevant national standards, guidelines and regulations, together with the technical documents and generally acknowledged rules of the trade, apply when installing **wineo 400, 600 and 800** for gluing.

Acclimatisation

wineo 400, 600 and 800 for gluing should be left to acclimatised in the areas where it is to be installed, or in adjacent areas, for at least 24 hours before installation, in small stacks of max. 3 boxes, under the following conditions:

Indoor climate conditions

- Air temperature in the room > 18°C (but not more than 26°C)
- Floor temperature min 15°C to max 25°C
- Relative humidity < 65%

During acclimatisation and the adhesive setting stage, you must ensure that consistent indoor climate conditions are present. The indoor climate described above must be maintained for at least 72 hours before, during and after gluing the flooring.

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: Before installing the floor covering, the flooring installer should examine the substrate and, if necessary, report any concerns. 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 room temperature,
- 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.

To level out unevenness and to achieve an evenly absorbent substrate, we recommend applying a suitable levelling compound in a sufficient thickness using the squeegee technique.

Non-absorbent substrates or substrates protected against rising damp should be filled to a layer thickness of at least 3 mm. Please observe the building material suppliers' instructions.

When installing **wineo 400, 600 and 800** for gluing on underfloor heating, EN 1264-2 (Floor heating – Systems and components) must be taken into consideration. The surface temperature should not persistently exceed 27°C. If using other underfloor heating systems, we ask that you consult the application technology department of Windmüller GmbH.

Installation

To achieve an optimum laying result with as little material waste as possible, we recommend measuring the area to be laid and dividing it up according to the material format and installation pattern. Ensure you have an appropriate joint offset (approx. 30cm for plank formats) to achieve a visually appealing laying pattern.

wineo 400, 600 and 800 for gluing should always be fully glued. We recommend using low-emission and solvent-free dispersion adhesives such as EC1 or RAL (Blue Angel certified). For more details, please see our adhesive recommendations.

The amount to be applied can vary depending on the type of adhesive and composition, and is specified by the adhesive manufacturer or indicated on the serrated finishing spatula. For possible deviations, please see our adhesive recommendations.

The adhesive manufacturer's processing guidelines must be observed.

Note: To achieve an ideal installation and usage result, ensure you have applied sufficient adhesive to the back of the covering. Do not use more adhesive than necessary to prevent the adhesive from seeping out. If necessary, an adhesive test can be helpful.

As a rule, dry adhesives and tackifiers do not meet the requirements of the adhesive standard with regard to shear, peel and adhesive pull requirements according to EN 1372:2015. This applies to both liquid and paste tackifiers and to fleece, mesh and woven fabrics and foils coated with adhesive. Dry adhesives and tackifiers cannot completely prevent dimensional changes of floor coverings (e.g. shrinkage after exposure to heat or ageing).

The individual planks must be glued tightly and without tension and then pressed against the semi-wet adhesive bed with a suitable smoothing tool. A hand roller or cork rubbing board is recommended here.

After gluing, the floor covering should also be rolled out evenly with a heavy roller (min. 50kg). The installed area should not be used or subjected to loads until the adhesive is fully set (follow the adhesive manufacturer's specifications).

Special features and exceptional situations

- The use of **wineo 400, 600 and 800** for gluing 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.
- 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).
- Our vinyl floor coverings meet the highest quality requirements. This also applies to the light fastness according to EN 105- B02. However, a standard test can never simulate the intensity of natural UV light, so partial colour changes or fading may occur in areas exposed to strong UV light and without sufficient shading.
- Provide adequately sized "radiant barriers" (e.g. glass or metal floor protection) around fireplaces and tiled stoves. The size varies depending on the heating capacity of the fireplace or tiled stove. Please observe the specifications of your stove manufacturer / chimney sweep here.

- 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 deviations.

The installed area should not be used or subjected to loads until the adhesive is fully set (follow the adhesive manufacturer's specifications). 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). Please use only vapour-permeable covering material. If part of the work has been accepted, the duty of care for those areas that have been accepted transfers to the customer.

Cleaning and care

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

This information is not intended to be exhaustive.

With the publication of these installation instructions (dated 01/2021), all previous versions are no longer valid.