

Installation Instructions wineo doubleGLUE



wineo self-adhesive mat doubleGLUE is a special underlay mat designed for bonding resilient/textile floor coverings and is characterized by its self-adhesive top and adhesive underside.

Basic information

When installing **wineo doubleGLUE**, it is essential to observe the relevant national standards, guidelines and references for the installation of "elastic" floor coverings.

Site conditions

Substrates must be permanently dry, level, clean, load-bearing, crack-free, tension and pressure-resistant. The evenness tolerances (1) according to DIN 18202 (dimensional tolerances in building construction) table 3 line 4 apply or the specifications of the floor covering manufacturer must be taken into account.



- Cement screeds < 2.0 CM% (heated < 1.8 CM% - CM: calcium carbide method)
- Calcium sulphate screeds < 0.5 CM% (heated 0.3 CM%)

The substrate preparation must be carried out properly and professionally and the auxiliary materials required for this must be suitable. To achieve optimum adhesion, we recommend levelling all mineral substrates with a suitable levelling compound. Smoothed and non-smoothed mineral substrates must be primed with a suitable dispersion primer to bind dust and promote adhesion.

When installing **wineo doubleGLUE** on underfloor heating systems, EN 1264-2 (Room surface integrated heating and cooling systems with water flow part 2) must be taken into account in addition to VOB DIN 18365. The surface temperature must not exceed 27°C permanently. If other underfloor heating systems/heating mats are used, please consult the application technology department of Windmüller GmbH.

Notice:

The floor layer must check the readiness of the subfloor for installation before laying the floor covering and raise any concerns. Especially in case of:

- major unevenness
- insufficiently dry subfloor.
- insufficiently firm, too porous and too rough surface of the subfloor,
- contaminated surface of the substrate, e.g. by oil, wax, varnish, paint residues,
- incorrect height of the surface of the substrate in relation to the height of adjoining components,
- unsuitable temperature of the substrate,
- unsuitable room climate,
- missing heating protocol for heated floor constructions,
- missing protrusion of the edge insulation strip,
- missing marking of measuring points for heated floor constructions,

Installation Instructions wineo doubleGLUE



- missing joint plan.

Installation on wood-based panels

Wood-based panels must be primed with a suitable adhesion promoter. For this purpose, contact the construction chemicals manufacturer or the application technology in advance.

Room climatic conditions at the time of installation*.

- Air temperature in the room > 18°
- Floor temperature at least 15°C up to a maximum of 25°C
(optimum floor temperature 18-20°C; higher temperatures can lead to dimensional changes afterwards)
- Relative humidity < 65%* The above-mentioned room climate must be determined 3 days before installation and maintained for up to 5 days after installation.
- **Acclimatisation**
wineo doubleGLUE must be acclimatised standing (2) in the rooms to be installed for at least 24 hours before installation under the parameters listed above! Acclimatisation also applies to the floor covering to be installed on top of it. Please observe the specific instructions of the flooring manufacturer.



Tools for laying (3):

1. Pencil
2. measuring stick or tape measure
3. Delphin knife with hook and straight blade
4. Chalk line
5. Hand pressure roller
6. Pressure board
7. Link roller min. 50Kg



Installation Instructions wineo doubleGLUE



Inspection of the goods

Before processing, make sure that the goods delivered are in perfect condition. In particular, make sure that wineo singleGLUE has not been crushed in the packaging or that the edges have not been damaged. Goods that have been cut to size or laid are excluded from complaints.

Installation on existing floor coverings

wineo doubleGLUE can be laid on existing floor coverings such as linoleum, rubber and firmly glued parquet. It is essential to check the existing floor coverings beforehand for suitability (e.g. firm connection to the subfloor and differences in height/thickness etc.). Joints and height differences from tile to tile in ceramic or natural stone tiles must be professionally levelled out in advance. **Textile floor coverings of any kind must be removed!**

The substrate preparation must be carried out properly and professionally and the necessary auxiliary materials must be suitable. To achieve a surface that is as even and closed as possible, we recommend levelling all mineral substrates with a suitable levelling compound.

- Individual flooring options can only be approved after consultation with the installation hotline mentioned below.
- Substrates not listed require the approval of Windmüller GmbH.

Please note the following information:

"Old and used floor coverings as well as residues of adhesives and filler layers are always problematic as laying substrates and are often the cause of later damage. They must be checked in advance and removed if necessary".

If, in exceptional cases, an installation is to be carried out on these old substrates, a high risk arises; a corresponding agreement with the client is required.

In order to evaluate the old substrate correctly, the client must therefore provide documentation of the existing layers or arrange for a comprehensive analysis.

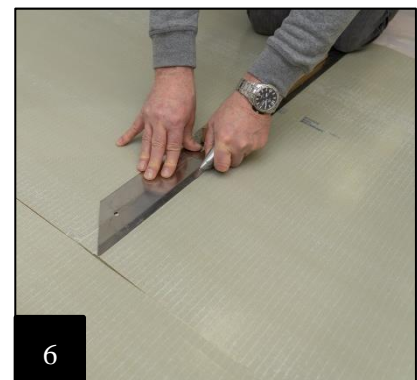
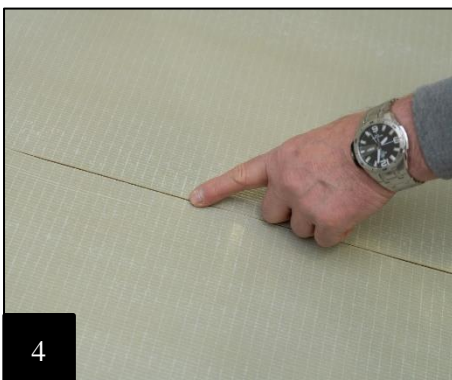
The client is responsible for this.

(Source: Excerpt from the commentary on ATV DIN 18365 Floor covering work, edition 09-2016.)

Laying / cutting and laying out the sheets

wineo self-adhesive mat doubleGLUE can be cut with an installation knife. Lay out the individual strips at an angle of 90° against the laying direction of the upper covering, butt to butt (4) but tension-free with the fabric side UP and at a distance of at least 5mm from the wall (5) and other components. Rooms with an uninterrupted area of up to 500m² can be laid without joints. Ensure that the joints are free of tension and compression.

The application of two strips in the area is done by a double cut (6). Ensure that the joints are free of tension and compression.



Installation Instructions wineo doubleGLUE



Now fold the sheets back to the centre of the room (7). Cut the protective film on the back with a straight blade and light pressure (8). When removing the protective film, make sure that the sheets do not shift (9). Insert the sheets without wrinkles. Then carefully roll (10) the underlay mat using a suitable articulated roller (min. 50 kg). Repeat this process on the opposite side. Now start laying the top covering according to the laying instructions of the flooring manufacturer.



Laying the top layer:

To achieve an optimum installation result with as little material waste as possible, we recommend measuring the area to be covered and dividing it up according to the material format and installation pattern.

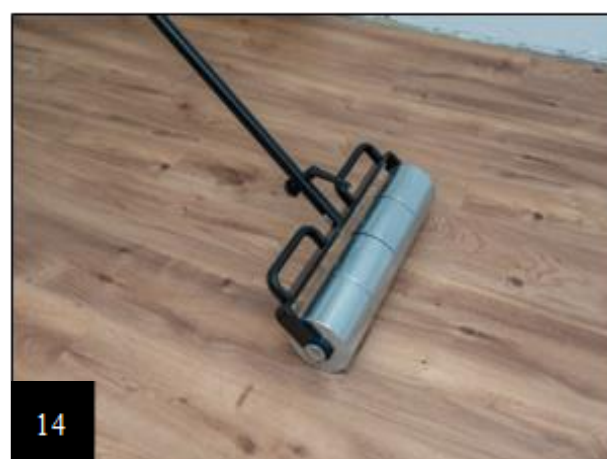
Now pull back the protective film from the **wineo self-adhesive mat doubleGLUE** to such an extent (11) that you can lay the first 3 rows of planks. We recommend that you take the measurements of the first three rows of planks, including the edge distance, by means of a chalk line on the underlay mat that is already in place.

The individual planks must be laid joint-tight and tension-free (12). In order to achieve a visually appealing installation pattern, we recommend that you ensure sufficient joint offset (approx. 30 cm for plank formats). Pull off the protective foil of the underlay only to the extent that you can always lay 2-3 rows of planks. Note: Corrections can still be made directly after laying. This is no longer possible after rolling.

Rub the elements carefully with a hand pressure roller (13) immediately after laying.

Continue working as described above until the entire surface has been laid. Then slowly and carefully roll the entire surface evenly with a heavy section roller (approx. 50 kg) (14).

To avoid stress curvatures, separate rooms from each other in the doorways. Suitable transition profiles from our range can be used as a transition.



Laying wineo 1500 roll

Now lay out the floor covering at 90° to the underlay lengthwise with an overlap of approx. 2.0 cm per strip for the subsequent seam cut. Always trim the factory edges before laying. Make sure that there is a distance of 5 mm to the wall and all rising components. Now cut the seam directly after laying and rubbing down the covering with a suitable seam cutter (e.g. "Linocut", the seam cutter) to a distance of approx. 0.5 mm between the covering edges and press the seam again with a seam roller. In the case of wood decors, it is not mandatory to pay attention to the repeat, however, a length allowance of at least 10 cm per strip should be made so that an offset of the wood joints on the front side can be guaranteed. When cutting the seam, make sure that the cut runs directly next to the wood joint and that the wood joint remains on the other side. Note: Heat welding is mandatory for this system installation! After the entire surface has been laid and all seams have been cut, the surface as well as all edge areas must be completely rolled again. Now, after completing the work, check that the covering and underlay have sufficient clearance to all rising building components.

Heat welding:

Use a suitable joint groover with a hardened cutter blade to cut the covering seams to a minimum depth of 2.0 mm and a maximum width of 3.5 mm. Seams in edge areas must be grooved to the appropriate width and depth using a suitable joint groove. Set the welding machine to approx. 450°C. Use a 5.0 mm speed welding nozzle with a narrow air slot to insert the welding rod. While still warm, trim off half of the weld rod with the "Mozart" push-off knife with spacer plate (0.7mm). Allow the remaining excess weld rod to cool completely and then push it off flush with the surface of the floor covering using the "Mozart" trimming knife without spacer plate.

2-K joint material:

Sealing of the covering joints with 2-K joint sealants is possible, if required, after prior consultation with the Windmüller GmbH application technology department.

Notes:

- As a rule, dry adhesives and fixings do not meet the requirements of the adhesive standard according to DIN EN 1372:2015. This applies to liquid to paste fixings and to nonwovens, nets, fabrics and films coated with pressure-sensitive adhesives. Dry adhesives and fixatives cannot completely prevent dimensional changes of floor coverings (e.g. shrinkage after exposure to heat or ageing) due to a permanently elastic adhesive.
- Substrates not listed require the approval of Windmüller GmbH.
- Installation on existing subfloors can have a negative effect on the usage behaviour (e.g. residual impression behaviour of the **wineo doubleGLUE** flooring system and top layer).

Warranty

Due to the large number of products available on the market, no guarantee can be given for the combination with products from other manufacturers. The approval of the respective flooring manufacturer must be obtained for this. The use of untested or unapproved floor coverings from other manufacturers can lead to the exclusion of warranty and guarantee claims in the event of damage. Individual solutions only after consultation with the installation hotline mentioned below.

These installation instructions are intended to provide you with information based on our tests and experience. The information is based on the current state of our knowledge, but does not constitute a guarantee of product properties and does not establish a contractual legal relationship. We guarantee our product, but due to the multitude of factors beyond our control, such as application possibilities, storage and processing conditions on site, etc., we cannot assume any guarantee for the installation result in individual cases. We recommend that you carry out sufficient tests of your own.

With the publication of these installation instructions (as of 09/2023), all previous versions lose their validity.