

# Laminate flooring | wineo 300/550 to click



The **wineo 300/550 laminate flooring** is a high-quality flooring with a hard-wearing melamine resin top layer in various formats and looks. For more information, please refer to the technical specifications in our product collections.

## **Important general information**

Always store **wineo 300/550 laminate flooring** in a dry place. The film is not a substitute for a dry storage location and does not provide permanent protection against moisture.

Before processing, make sure that the delivered goods are in perfect condition. Goods that have been cut to size or laid are not subject to complaint. Before installation, the goods must be checked for color and batch uniformity. Only install tiles or planks of the same batch in the same room. The relevant national standards, guidelines and regulations as well as the technical references and recognized rules of the trade apply to the installation of **wineo 300/550 laminate flooring**.

## **Substrate condition**

The substrate must be level, load bearing and permanently dry. The maximum height tolerance must not be exceeded 3 mm per linear meter or, in the case of tile edges, 1mm per 10cm.

## **Substrates**

**wineo 300/ 550 laminate flooring** can be laid floating on all types of screeds, on existing, vibration-free wood, plank, and chipboard flooring, on PVC, plastic coverings and linoleum, on stone, ceramic and marble floors. Textile floor coverings and needlefelt must be removed. Generally, the removal of old floor coverings is recommended to counteract interactions and irritations. To level out unevenness, the application of a suitable leveling compound is recommended. Please observe the instructions of the building material suppliers. Substrates not listed require approval by Windmüller GmbH.

## **Note:**

The flooring installer shall raise concerns during his inspection prior to installation of the flooring.

In particular in the case of:

- major unevenness,
- cracks in the subfloor,
- 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 adjacent components,
- unsuitable temperature of the substrate,
- unsuitable room climate,
- missing heating protocol in case of heated floor constructions,
- missing protrusion of the edge insulation strip,
- missing marking of measuring points in case of heated floor constructions
- missing joint plan.

# Laminate flooring | wineo 300/550 to click



## **Underfloor heating:**

When laying laminate flooring, EN 1264-2 (underfloor heating systems and components) must be taken into account. The surface temperature should not exceed 27°C permanently. If other underfloor heating systems are used, please consult the application engineering department of Windmüller GmbH.

## **Tools for laying (1):**

- Folding rule / tape measure
- Spacer
- Pencil / parallel tracer
- Angle
- Guillotine / jigsaw



## **Acclimatization (2):**

The **wineo 300/550 laminate flooring** should be acclimatized horizontally for at least 24-48 hours before installation, unopened in small stacks of max. 3 packages, in the rooms to be installed or adjacent rooms under the following conditions!

## **Room climatic conditions:**

- Room air temperature > 18°C (but not more than 26°C).
- Floor temperature > 15°C (but not more than 25°C)
- Relative humidity should be between 50% and 65% max.



# Laminate flooring | wineo 300/550 to click



## **Acoustic / impact sound underlayment**

Depending on the existing subfloor, underlays can have a decisive influence on living comfort. Some collections already have an integrated impact sound insulation carpet pad, for all other collections please use one of the original wineo acoustic/impact sound underlays.

Generally, an additional vapor retarder (3) in the form of a PE film with an SD value  $\geq 75\text{m}$  is required on mineral subfloors. The vapor retarder is laid underneath the intermediate layer. The overlaps are to be connected with a suitable sealing tape in a moisture-barrier manner. In the case of rooms without basements, vaulted ceilings or passageways, suitable structural waterproofing must be provided in accordance with DIN 18195/18531-35. This also applies to installations above rooms with particularly high humidity or for installations directly on concrete.



Then use the footfall and walking sound reducing insulation underlays recommended by Windmüller. For floor coverings with a laminated insulating carpet pad, also proceed as described above. Insulation underlays reduce sound transmission to other rooms, reduce footfall noise and thus significantly improve living comfort. The CS value (compressive strength) of insulation underlays should be at least  $\geq 90\text{ kPA}$ .

## **The installation of wineo 300/ 550 laminate flooring**

### **Movement joint / edge distances:**

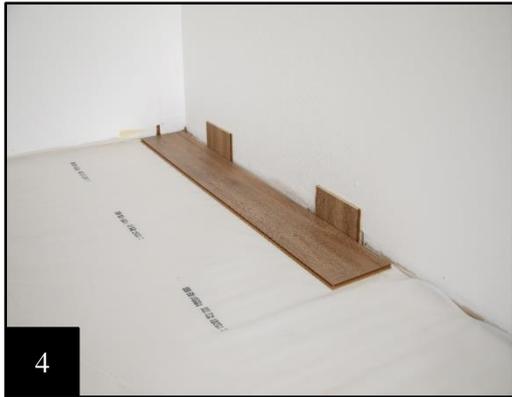
Movement joint: at least 10mm wide.

Tip: Use leftover pieces of the floor covering as spacers. Also observe a distance of 10 mm to all fixed objects in the room, such as pipe ducts, door frames, etc.! This movement joint must not be covered with silicone, electric cables or similar!

# Laminate flooring | wineo 300/550 to click



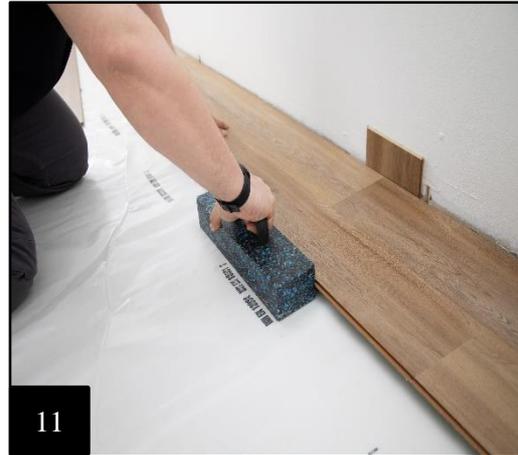
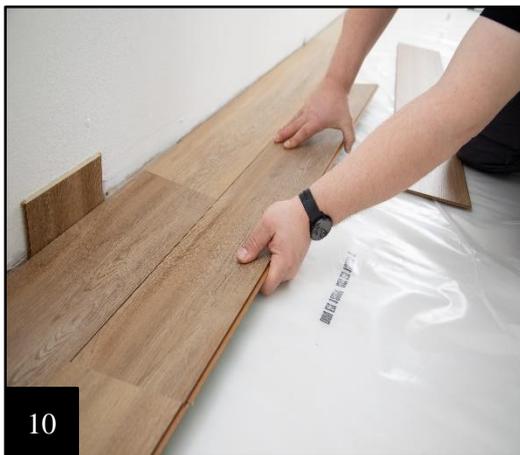
Lay the panels with the face towards the main light source of the room. You can significantly improve the inherent stability of the installed floor by laying long, narrow rooms lengthwise. Always work from left to right in the laying area (4). Now lock the second element of the first row at an angle of approx. 30° (5) at the head end and lay it down. Now mark (6) the element to be inserted at the end of the room and cut (7) it to fit exactly so that the edge distance of at least 10mm is ensured and insert it into the head side as described above.



# Laminate flooring | wineo 300/550 to click



To lay the subsequent rows, place the remaining panel of the first row, at least 30cm long, in the longitudinal groove of the already lying row at an angle of approx. 30° and lower it against the front row with slight pressure (8). Take the following panel, guide it at an angle of also 30° upside down (9) into the panel of the second row that is already lying flat on the floor and guide it as close as possible to the long side of the already lying row. Now reach under the element that has just been laid down with both hands and lift it slightly (10). Now lock the long side by pulling the elements together, for this it is advantageous to stand on the laid surface. If there is no longer a visible gap between the elements, the joint is properly closed, and the element can be laid completely flat on the floor. If there is still a gap, please proceed as before, but with increased pressure or with the help of an assembly aid (11) and lock it as described above. This technique is used to lay the entire remaining row and remaining surfaces. To lay the last row, measure the distance between the wall and the laid row and transfer it to the panel. If possible, the last laying row should correspond to half a panel width. Remember about the 5mm wide movement joint.



## Movement profiles in the surface

Rooms with an uninterrupted area of 150m<sup>2</sup> can be laid without joints, taking into account double the edge distance (approx. 10mm). A side length of approx. 12.50m should not be exceeded. Suitable movement profiles should be used for very narrow, long rooms. Room areas that are interrupted by rising building components (pillars, partition walls, doorways, etc.) should be separated by placing movement joints (at least 10mm, depending on the size of the area) at the height of the building components. When installing skirting boards, transition or end profiles, it must be taken into account that the skirting boards or profiles must never be fastened to the floor covering!

# Laminate flooring | wineo 300/550 to click



## **Important instructions for completing the installation**

- Remove all spacers
- Seal movement joints/pipe penetrations etc. with profiles/rosettes or with a suitable filling cord and joint sealant.
- Laminate floors must not be fixed on site at any time. The floor covering must not be fixed to the subfloor or to furniture or other fixed installation parts.

## **Special features and exceptional situations**

- The use of **wineo 300/550 laminate flooring** is to be considered critical due to extreme fluctuations in the room climate and requires separate coordination and approval by Windmüller GmbH.
- When using permanently elastic sealants, first fill the joint areas with a joint sealing tape (see accessories, part no. 20080300). Now close the joint with silicone compound so that a two-sided adhesion is created. Permanently elastic sealed joints are to be regarded as maintenance joints and must be regularly checked for functional capability and renewed if necessary.
- In order to prevent material changes/damage, adequate shading must be provided when laying in areas exposed to strong sunlight.
- At fireplaces and tiled stoves, a sufficiently dimensioned "radiation barrier" (e.g., glass or metal base plates) must be provided. The size varies depending on the heating capacity of the fireplace or tiled stove. Please observe the specifications of your stove builder / chimney sweep here.
- For furnishings with high static pressure loads, sufficient load distribution (e.g., load distribution plates) must be provided according to the weight.

Please note that the contractor has a maintenance obligation (protection of the floor covering against damage by subsequent trades) for a completed but not yet accepted trade.

Through partial acceptance, the maintenance obligation for the accepted areas is transferred to the client.

## **Cleaning and maintenance**

Please refer to our detailed cleaning and cleaning agent recommendations at [www.wineo.de](http://www.wineo.de)!

These instructions do not claim to be complete.

With the publication of these installation instructions (as of 12/2021), all previous versions lose their validity.