

# Design flooring Multilayer to clicking

**Design flooring Multilayer for clicking** is a high-quality, multi-layer floor covering with a durable design vinyl surface layer in various formats and looks. Further information is available in the technical specifications in our product descriptions.

## **Important general information:**

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 planks/tiles of the same batch in one room.

The relevant national standards, guidelines and regulations, together with the technical documents and generally acknowledged rules of the trade, apply when installing **design flooring Multilayer for clicking**.

## **Substrate condition:**

The substrate must be level, load-bearing and permanently dry. The maximum height tolerance must not exceed 3 mm per linear meter or 1mm per 10cm for tile edges. Textile floor coverings and needle felt must be removed.

## **Substrates:**

**Design flooring Multilayer for clicking** can be installed floating on all types of screeds, on existing vibration-free wood, plank and chipboard floors, on PVC, plastic coverings and linoleum, on stone, ceramic and marble floors. Textile floor coverings and needle felt must be removed. Generally, the removal of old floor coverings is recommended to counteract any adverse reactions or problems.

Substrates not listed require the approval of Windmüller GmbH.

## **Notice:**

The flooring installer must check the subfloor's readiness for installation before installing the flooring and raise any concerns. Especially in case of:

- larger 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 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.

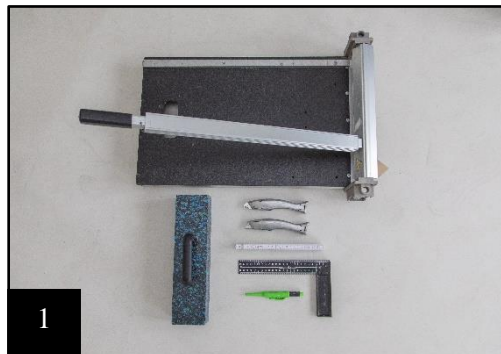
When installing **design flooring Multilayer for clicking** on underfloor heating systems, EN 1264-2 (underfloor heating systems and components) must be taken into account. The surface temperature should not exceed 27°C on a permanent basis. If other underfloor heating systems are used, please consult the application engineering department of Windmüller GmbH. To prevent rot damage to wood-based subfloor constructions (e.g. wooden beam ceilings), ensure or guarantee sufficient rear ventilation of the construction.

# Design flooring

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### Tools for laying (1):

- Laying knife with trapezoidal blade
- Folding rule / tape measure
- spacer
- Pencil / parallel scriber
- Angle / square
- Guillotine



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### Acclimatization (2):

**Design flooring Multilayer for clicking** as well as all required auxiliary materials must be acclimatized at least 24 hours before installation in small stacks (max.3) 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 22°C)
- Relative humidity < 65%



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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, a suitable structural seal must be applied. This also applies to installations above rooms with particularly high humidity or for installations directly on concrete.



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## The installation of design flooring Multilayer for clicking

### **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!

### **Laying:**

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.

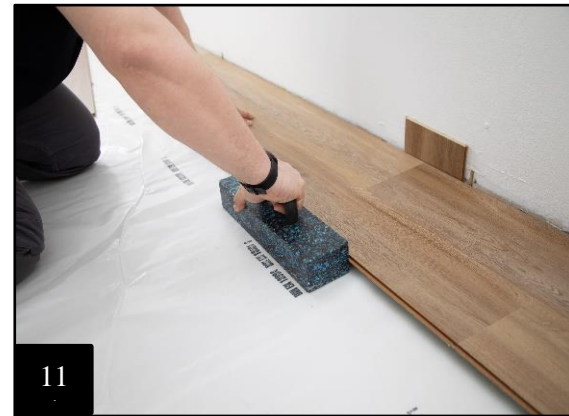
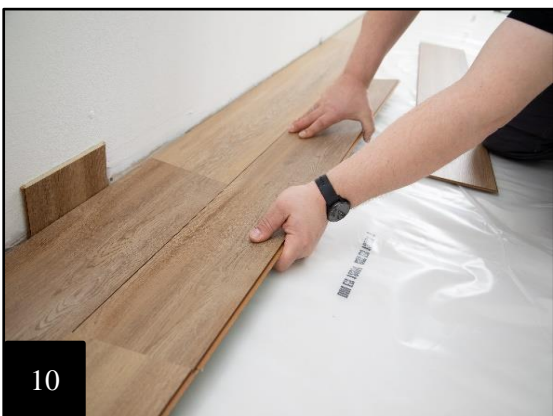
Always work from left to right in the laying area (4). Now lock the second element of the first row at an angle of approx. 30° (5) at the head end and lay it down. Now mark (6) the element to be inserted at the end of the room and cut (6) it to fit exactly using a guillotine / jigsaw so that the edge distance of at least 10 mm is ensured and insert it into the head side as described above (7).



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To lay the subsequent rows, place the remaining panel of the first row, at least 30cm long, in the longitudinal groove of the already laid 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 laid flat on the floor and guide it as close as possible to the long side of the already lying row. Now reach with both hands under the element that has just been laid down and lift it slightly. 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 visible gap between the elements, the joint is properly closed and the element can be placed completely flat on the floor. If there is still a gap, proceed as before, but with increased pressure or with the help of an installation aid (10) and lock it as described above. This technique is used to lay the entire remaining row and remaining areas. To install the last row, measure the distance between the wall and the installed row and transfer it to the panel.

If possible, the last laying row should correspond to half a panel width. Remember about the 10mm wide movement joint.



## **Movement profiles in the area:**

Rooms with an uninterrupted area of 100m<sup>2</sup> can be laid without joints, taking into account double the edge distance (approx. 10 mm). A side length of approx. 10m 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!

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## Important notes on the completion of the installation

- Remove all spacers
- The **design flooring Multilayer for clicking** must not be fixed on site at any time. Neither must the flooring be fixed to the subfloor nor to furniture or other fixed installation parts.

## Special features and exceptional situations

- In conservatories or similar rooms with large-scale overhead glazing, the use of **design flooring Multilayer for clicking** should be regarded as critical due to extreme fluctuations in the room climate and requires separate coordination and approval by Windmüller GmbH.
- When using permanently elastic sealants, we recommend first applying a joint sealing cord (see Accessories Part No. 20080300) to the joint areas and then filling them with silicone compound to create a two-sided bond. 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, sufficient shading must be provided and an edge distance of 10mm (if necessary, use end profile PS400PEP) must be maintained when laying in areas with strong sunlight.
- Our design flooring Multilayer for clicking meets the highest quality requirements in many respects. 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 color changes or fading may occur in areas with intense UV light incidence and without sufficient shading.
- A sufficiently dimensioned "radiation barrier" (e.g. glass or metal base plates) must be provided at 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 builder / chimney sweep here.
- The **design flooring Multilayer for clicking** must be decoupled from all permanently installed furniture or furnishings such as kitchen units, stoves, etc.
- In the case of furnishings with high static pressure loads, sufficient load distribution (e.g. load distribution plates) must be provided in accordance with the weight.

## Cleaning and care:

Please refer to our detailed cleaning and care instructions which can be accessed via the QR code on your product packaging.