



ONEFLOR Installation instructions

ECOLAY70

The **ONEFLOR ECOLAY70** is a **high-quality**, resilient design flooring in various formats and designs. For more information, please refer to the technical specifications in our product collections. Below we would like to inform you about the special requirements for a successful installation.

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 the ECOLAY70. Slight differences in colour, gloss level and structure are production-related and are not a reason for complaint. Mix material when laying from 3 packages.

SUBSTRATE CONDITION:

The substrate must be clean, level, load-bearing and permanently dry maximum RH 75%. The maximum height tolerance must not exceed 2-3mm per linear meter or 1mm per 10cm for tile edges.

SUBSTRATES:

We recommend the use of ONEFLOR ECOLAY70 when laying on:

- Parquet, precast wood screeds and other wood-based material
- Raised access panels
- Old and new screed

Textile floor coverings and needlefelt must be removed.

Generally, the removal of old floor coverings is recommended to counteract adverse reactions (possibly occurring mold formation, insufficient compressive strength)

Substrates not listed require the approval of ONEFLOR-EUROPE.COM.

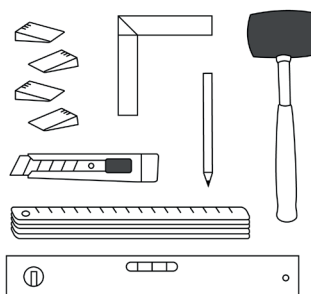
Notice : The flooring installer must check the subfloor's readiness for installation before installing the flooring and raise any concerns. Especially in case of:

- 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 ECOLAY70 on underfloor heating systems, EN 1264-2 (warm water underfloor heating systems and components) must be taken into account. The surface temperature should not exceed 27°C on a permanent basis. If you want to install ECOLAY70 on a hot water underfloor heating system, bond the floor over the entire surface. We recommend the use of low-emission and solvent-free dispersion adhesives, e.g. EC1 or RAL (Blue Angel). For more information, please refer to the manufacturer's instructions. Wet-bed adhesives are preferable to pressure-sensitive adhesives. If other underfloor heating systems are used, please consult the application engineering department of ONEFLOR-EUROPE.COM. To prevent rot damage to wood-based subfloor constructions (e.g. wooden beam ceilings), ensure or guarantee sufficient rear ventilation of the construction.

TOOLS FOR LAYING:

- Laying knife with trapezoidal blade /jigsaw
- Folding rule / tape measure / spirit level 2 m
- White rubber mallet
- Spacer
- Pencil / scribe
- Set square



SQUARE ACCLIMATIZATION:

ONEFLOR ECOLAY70 as well as all required auxiliary materials must be acclimatized at least 48 hours before installation in small stacks (max.3) in the rooms to be installed or adjacent rooms under the following conditions!

Room climatic conditions before, during and after laying:

- Room air temperature > 18°C (but not more than 26°C).
- Floor temperature > 15°C (but not more than 22°C)
- Relative humidity 40- 65%

It must be ensured that constant room climate conditions prevail during both the acclimatization and the installation. The above-mentioned room climate must be maintained for at least 72 hours before, during and after the installation of the covering.

Under ECOLAY70 you do not install any underlay material.

Due to the generally too low compressive strength, the use of an underlay mat under our ECOLAY70 leads to the exclusion of the warranty.

The use of PE foils and unsuitable underlays can lead to the exclusion of the warranty in the event of damage.

THE INSTALLATION :

Basically, the removal of old floor coverings is recommended to counteract interactions and irritations.

For materials with integrated impact sound, no additional underlay mat may be used.

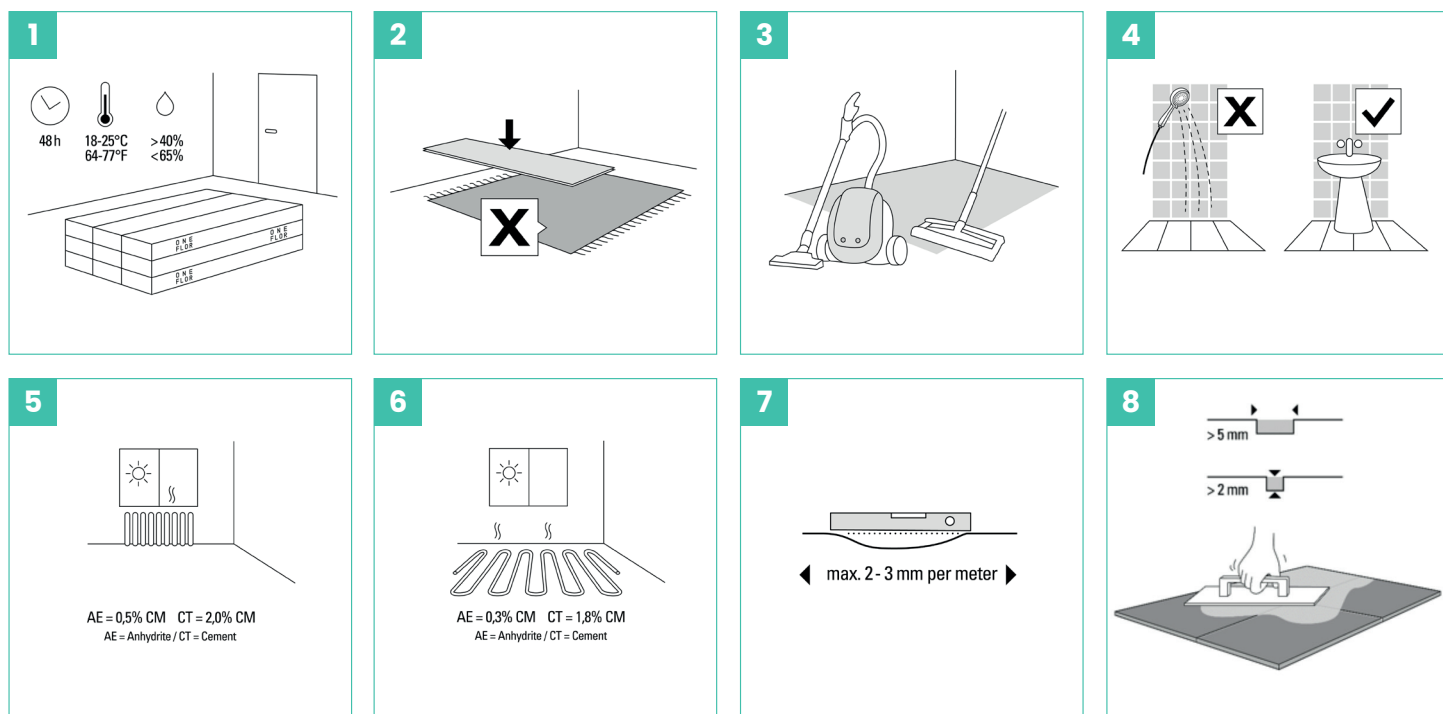
Due to the generally too low compressive strength, the use of an underlay mat under our products with impact sound leads to the exclusion of the warranty.

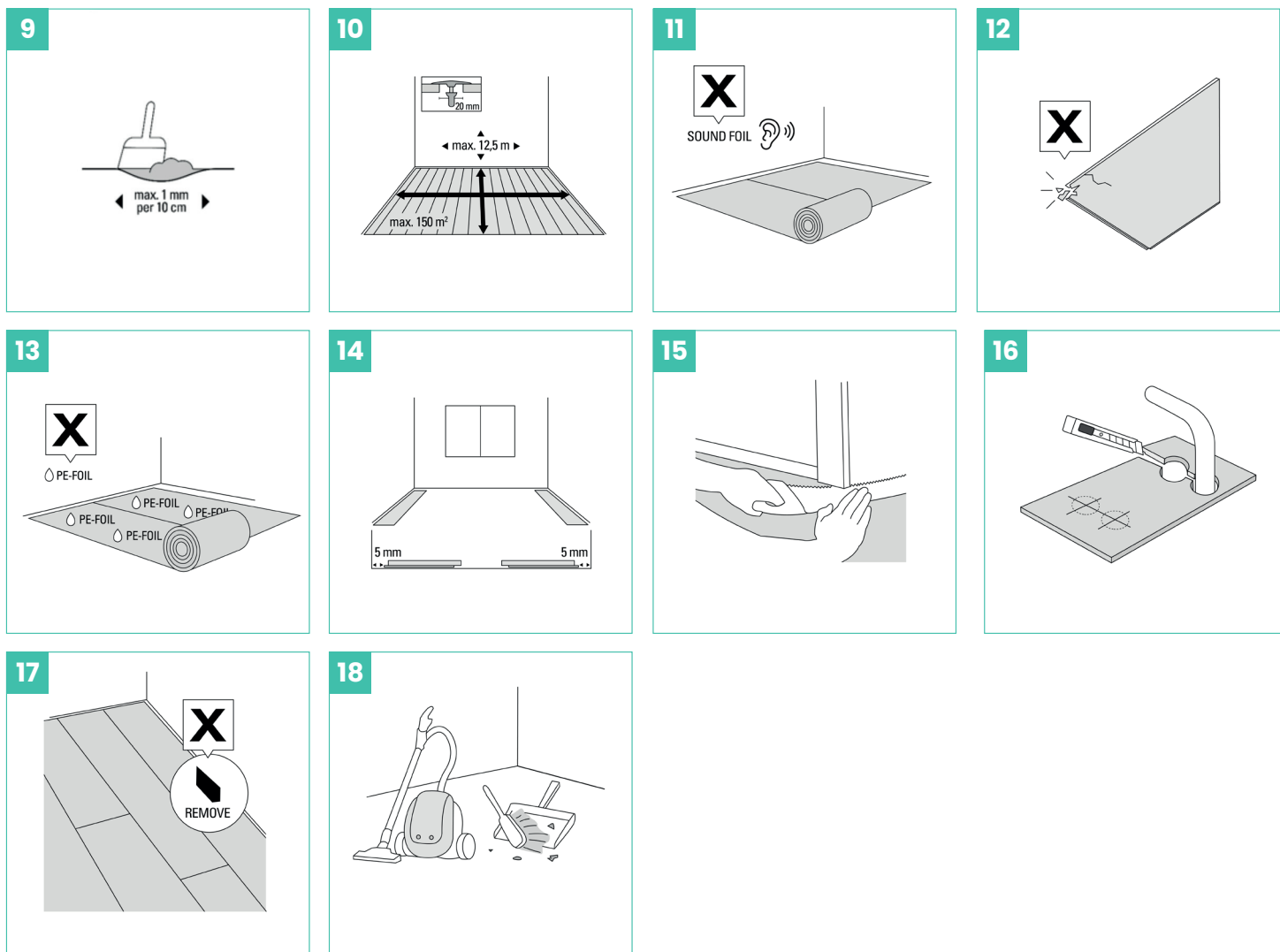
The use of PE foils and unsuitable underlays can lead to the exclusion of the warranty in the event of damage.

Movement joint: at least 5 mm wide.

Tip: Use leftover pieces of the floor covering as spacers. Also observe a distance of 5mm to all fixed objects in the room, such as pipe ducts, door frames, etc.! This movement joint must never be covered with silicone, electric cables or similar!

Start installation:

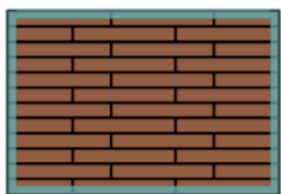




INSTALLATION

Important : Before laying the first rows, make sure that the cut planks (or tiles) closest to the walls are longer than 30 cm and wider than 10 cm, depending on the overall layout. Before starting the installation, check that the wall is straight to place planks (or tiles) directly against it. If it is not, mark a line on the floor a few centimetres apart, place your first row and use a scribing needle. Cut the planks along the line you have drawn. Now spread the tackifier over the screed in a width of approx. 10 cm. Then place your first row back against the wall. To lay the next row, lay the remaining piece of plank with a length of at least 30 cm and then continue with complete planks. **We recommend always gluing the first 2 rows.** Be sure to stagger the head joints in each row by at least 30 cm for optimal aligned installation. To lay the last row, measure the distance between the wall and the laid row and transfer it to the relevant plank using a scribing needle in the same way as for the first row, if the wall is not completely straight. Cut the planks to size.

The last row in the installation should have a width of half a plank if possible.



Notes:

- This flooring is suitable for loose laying without the use of adhesive. Only the edge area must be wetted with dispersion adhesive or tackifier.
- Exceptions in this regard are areas that are exposed to high temperatures or very heavy use. In these cases, we recommend the full-surface use of a dispersion adhesive.

• In the case of large areas (more than 62 m²) or considerable loads, we recommend applying additional quantities of dispersion adhesive or tackifier to ensure the stability of the installation.

Up to 62 m²: 10 cm wide strip with dispersion adhesive / tackifier at the edge of the area.

More than 62 m²: Additional grid with tackifier (4 m x 4 m) or full-surface bonding with tackifier



COMPLETING THE INSTALLATION

To install the last row, measure the distance between the wall and the installed row and transfer it to the panel. The last installation row should correspond to half a panel width if possible. Remember the 5mm wide movement joint.

Movement profiles in the surface

Rooms with an uninterrupted area of up to 150 m² can be laid without joints, taking into account the double edge distance (approx. 10 mm). A side length of approx. 12.5m should not be exceeded. Suitable adapter profiles should be used for very narrow, long rooms.

Room areas that are interrupted by rising structural elements (pillars, partition walls, doorways or similar interrupted structural elements) should be separated. (Narrow corridors, etc.) When installing skirting boards, transition or end profiles, it must be taken into account that the skirting boards or profiles must never be fixed to the floor covering!

Skirting boards with surrounding silicone joints that fix the floor lead to the exclusion of the warranty

Building expansion joints must be accepted.

IMPORTANT NOTES ON COMPLETING THE INSTALLATION

- The ECOLAY70 must not be fixed on site at any time. The floor covering must not be fixed to the subfloor or to furniture, kitchen units, fireplaces or other fixed installation parts. (Floating installation) Kitchen units / islands that are placed on the floor without load-distributing plates are tantamount to fixing the floor.

AFTER INSTALLATION

IMPORTANT:

- Avoid major temperature fluctuations and keep the temperature between 13 °C and 30 °C.
- Avoid laying on verandas or in winter gardens.
- Protect the installed covering:
- During the construction phase, the flooring should always be covered with hardboard, or plywood boards. Do not apply painter's masking tape directly to the flooring.
- Initial cleaning
- Before using a new floor covering, an initial cleaning is always recommended. Lightly soiled floors: vacuum, mop or damp clean to remove loose dirt and building dust.

NOTES

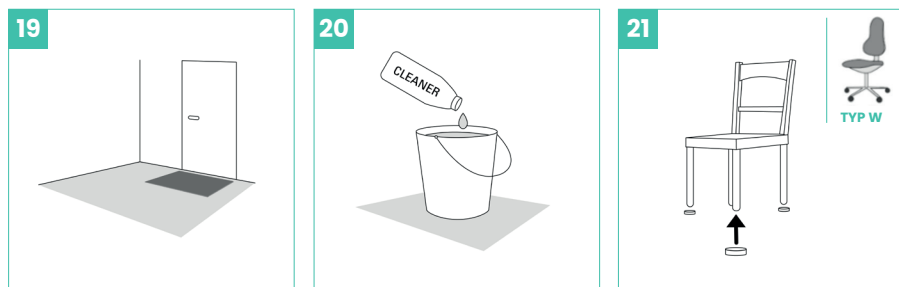
Lay out floor mats to remove all dirt from the soles of shoes and prevent additional dirt and moisture from being carried in. Carpets or mats with a rubber or PVC backing should not be laid on top of vinyl tiles as this may cause a chemical reaction and discolour the material.

Special features and exceptional situations

- In conservatories or similar rooms with large-scale overhead glazing, floor-to-ceiling windows facing south, the use of ECOLAY70 is to be considered critical due to extreme fluctuations in the room climate and requires separate coordination and approval by ONEFLOR EUROPE bvba.
- In order to prevent material changes/damage, sufficient shading must be ensured and an edge distance of 10mm (if necessary, use of end profile) must be maintained when laying in areas with strong sunlight.
- When using permanently elastic sealants, we recommend first applying a joint sealing tape to the joint areas and then filling them with joint sealant so that a two-flank adhesion is created. Permanently elastic sealed joints are to be regarded as maintenance joints and must be regularly checked or inspected for functional suitability and renewed if necessary.
- Our ONEFLOR ECOLAY70 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 colour changes or fading may occur in areas with intensive 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 heat output of the fireplace or tiled stove. Please observe the specifications of your stove builder / chimney sweep here.
- The ONEFLOR ECOLAY70 must be decoupled from all permanently installed furniture or furnishings such as kitchen units, stoves etc..
- In the case of furnishings with a high static pressure load, sufficient load distribution (e.g. load distribution plates) must be provided according to the weight.

Please use only suitable chair castors type W

CLEANING AND CARE:



Please refer to our detailed maintenance and Care instruction at www.oneflor-europe.com.

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