



ONEFLOR Installation Instructions

LOOM+ Dryback woven vinyl tiles

The ONEFLOR LOOM+ LVT 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 of **ONEFLOR LOOM+ LVT**

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 ONEFLOR LOOM+ LVT. 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 level, load-bearing and permanently dry (maximum RH 75%). The maximum height tolerance must not exceed 2-3 mm per linear meter or 1 mm per 10cm for tile edges. Textile floor coverings and needle fleece must be removed.

SUBFLOOR CONDITION:

Prepare the subfloor in accordance with the DIN 18365/18531-35.

The substrate must be even, load-bearing, dust-free and permanently dry.

The maximum height tolerance according to DIN 18202 «Tolerances in building construction – Table 3 line 4» may not exceed

2-3 mm per linear meter and must not be exceeded.

Larger height differences must be levelled out by levelling the floor over the entire surface.

In order to level out unevenness and to obtain a uniformly absorbent substrate, the

a suitable levelling compound in a sufficient layer thickness is recommended. Please observe the instructions of the building material suppliers.

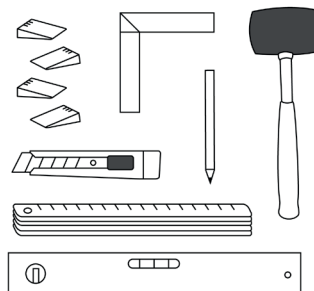
Notice: The flooring installer must check the subfloor's readiness for installation before installing the flooring and raise any concerns. Especially in case of:

- 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 ONEFLOR LOOM+ LVT on underfloor heating systems, EN 1264-2 (warm water underfloor heating systems and components) must be taken into account. The surface temperature must not exceed 27°C on a permanent basis. 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 joists), ensure or guarantee sufficient rear ventilation of the construction.

TOOLS FOR LAYING :

- Utility knife
- Link roller (at least 50 kg)
- Folding rule / tape measure
- Hand pressure roller.
- White rubber mallet
- Spacer / chalk string
- Pencil / scribe
- Set square / spirit level 2m
- Serrated finishing spatula



SQUARE ACCLIMATIZATION:

ONEFLOR LOOM+ LVT 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 < 65%

It must be ensured that constant room climatic conditions exist during the acclimatization as well as the setting phase of the adhesive. The above-mentioned room climate must be maintained for at least 72 hours before, during and after bonding of the covering

Basically, the removal of old floor coverings is recommended to counteract interactions and irritations. The use of unsuitable underlays may lead to exclusion of warranty in case of damage.

Installation Instructions

1

48h
18-25°C
64-77°F
>40%

2

3

4

5

AE = 0,5% CM CT = 2,0% CM
AE = Anhydrite / CT = Cement

6

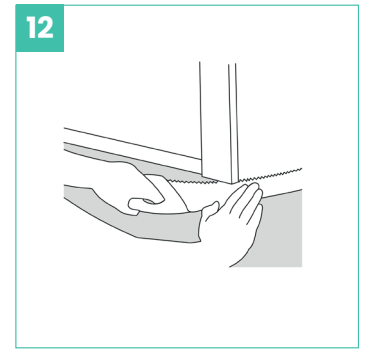
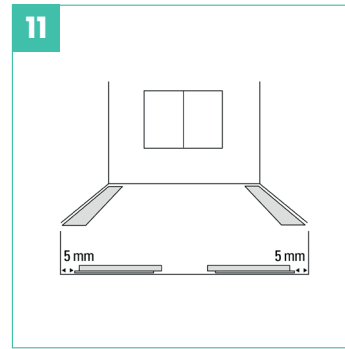
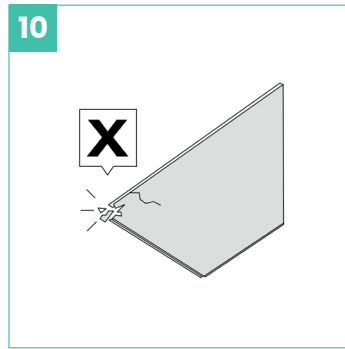
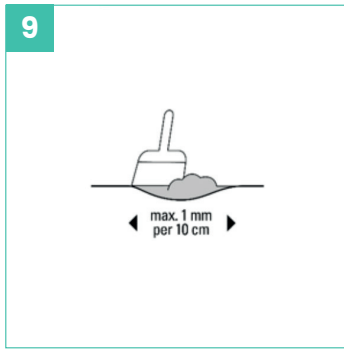
AE = 0,3% CM CT = 1,8% CM
AE = Anhydrite / CT = Cement

7

◀ max. 2-3 mm per meter ▶

8

>5 mm
>2 mm



INSTALLATION

In order to achieve an ideal installation result with as little material waste as possible, we recommend measuring the corresponding surface and arranging the material format and laying pattern accordingly.

Ensure you have an appropriate joint offset (25 cm) in order to achieve a visually appealing laying pattern. ONEFLOR LOOM+ LVT 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. Wet-bed adhesives are preferable to regular adhesives.

The application amount 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 manufacturer specifications and instructions.

You must observe the processing guidelines of the adhesive manufacturer.

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

The use of dry adhesives (see adhesive recommendation) is also possible under consideration of the manufacturer specifications and instructions.

The individual tiles must be glued tightly and without tension and then pressed against the semi-wet adhesive bed with a suitable rubbing device. A hand roller is recommended here.

After gluing, the floor covering should also be rolled out evenly with a heavy roller (at least 50 kg). 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 stage of the work is complete but has not yet been accepted, please note that the contractor is subject to a duty of maintenance (protecting the floor covering against damage during subsequent stages of work).

If the stage of work has been partially accepted, the duty of maintenance for those areas that have been accepted transfers to the customer. You can obtain the adhesive recommendations, further information or instructions for individual installations upon request via ONEFLOR.com

Building expansion joints must be taken over.

ONEFLOR LOOM+ LVT FOR GLUE-DOWN INSTALLATION

Installation:

In order to achieve an optimum installation result with as little material waste as possible, it is recommended to measure the area to be covered and divide it according to the material format and installation pattern.

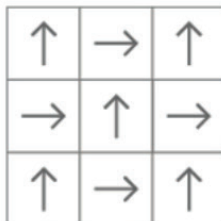
In order to achieve a visually appealing installation pattern, it is imperative to pay attention to the indicated arrow directions on the back side and the plank sizes.

Laying variations:

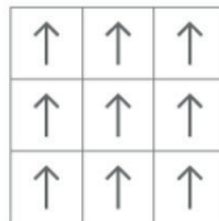
LOOM+® can be installed in 5 different ways.



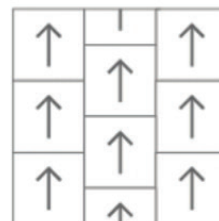
**LOOM+ PLAY
MIX & MATCH**



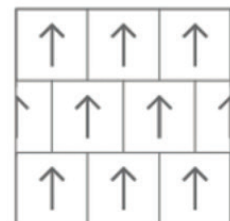
QUARTER-TURN



MONOLITHIC



ASHLAR

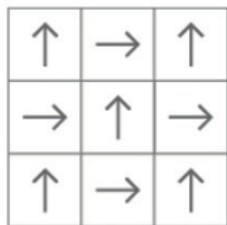


BRICK



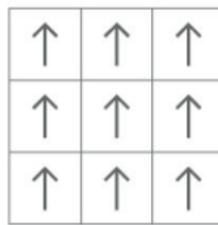
Mix & Match method :

This is a creative and unique installation concept only from LOOM+ ®. with different patterns and colours for attractive end results. Free choice of all colours, patterns and laying direction according to visual aspects.



Quarter-turn method :

This method creates a chessboard pattern for a unique look.



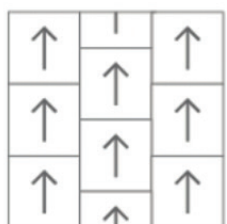
Monolithic method:

This method creates an authentic carpet appearance.

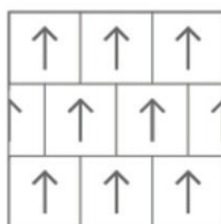
With monolithic installation, as with all woven floor coverings, colour variations may occur within natural structural differences within the fabric due to the natural structural differences.

QUARTER-TURN

MONOLITHIC



ASHLAR



BRICK

Ashlar / Brick Method:

This method produces a more uniform «carpet» appearance than a monolithic method.

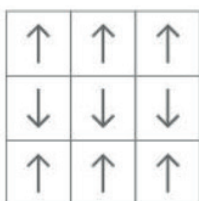
When installing ashlar and brick, as with all woven floor coverings, there may be colour variations within the fabric due to the natural structural differences.

As with all woven floor coverings, the seams are more or less visible depending on the colour and weave and emphasise the authentic carpet look of LOOM+®.

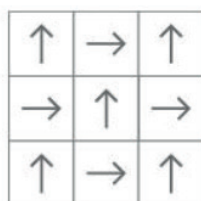
RECOMMENDED INSTALLATION METHOD BY PRODUCT LINE:



LOOM+ PLAY
MIX & MATCH



REVERSE



QUARTER-TURN

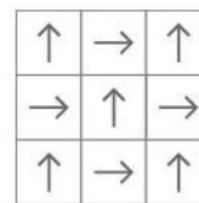
Accents

The -Accents- line is specially designed for installation in combination with the 'KNIT' line.

We recommend laying in the opposite direction to obtain an authentic striped pattern for a single-colour installation. It is also possible to lay the tiles quarter-turn to create a unique striped pattern.



LOOM+ PLAY
MIX & MATCH



QUARTER-TURN

Recommended installation method by line KNIT

The 'KNIT' line is specially designed for installation in combination with the Accent line and multiple colours.

We recommend using the quarter-turn pattern for a single-colour installation that ensures an attractive end result.

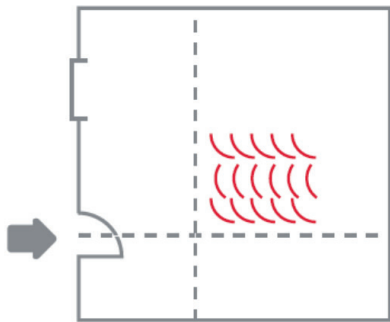
As with all woven floor coverings, colour variations within the fabric may occur due to natural structural differences. Please check the colour variations carefully under bright light before starting to install the floor covering.

LAYING THE TILES FOR LOOM+® (3.0 MM DRY-BACK)

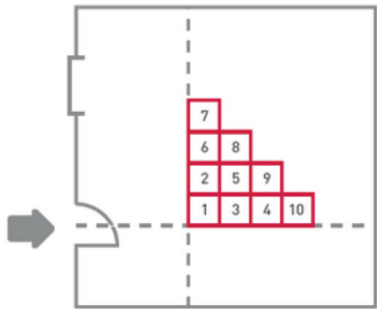
The installation usually starts in the middle of the room. In corridors and small rooms, it may be easier to work from side to side, using the centre line as a marker. Start by laying the tiles from the centre towards the wall opposite the entrance.

Draw two baselines across the centre of the room:

- The 1st baseline perpendicular to the main entrance of the room.
- The 2nd perpendicular to the first baseline, levelling the cut tiles along the edges.
- Adjust the intersection as needed to evenly distribute the cut tiles along the edges of the room.

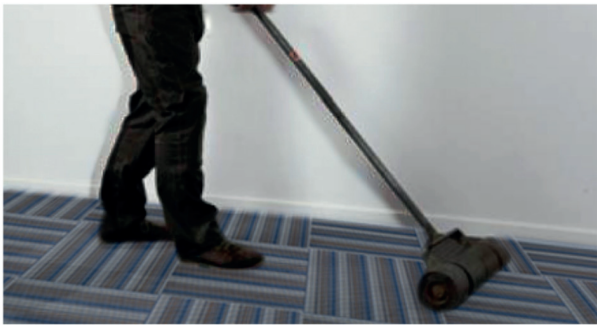


Start applying the glue to the subfloor at the intersection of the two axes.



Place the first tile on the intersection of the two axes and start laying the tiles using the «step method».

- If you do not use the step method when laying the tiles, the tiles may not be properly aligned, resulting in gaps or openings in the seams that are not due to different tile dimensions.
- Roll the floor with a 45-50 kg link roller to ensure sufficient adhesive transfer, usually within 45 minutes after installation.



After installation

The flooring should be clean and free of adhesive residue or other residue from the installation process. In areas with normal traffic, you should wait 24 hours after completing the installation, before using the room.

Wait 72 hours before starting the first basic cleaning.

Wait 72 hours before placing or setting up furniture in the room.

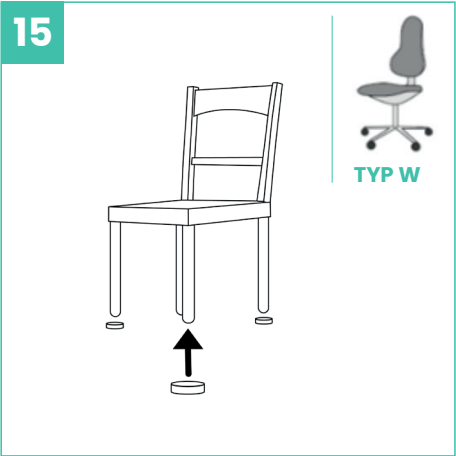
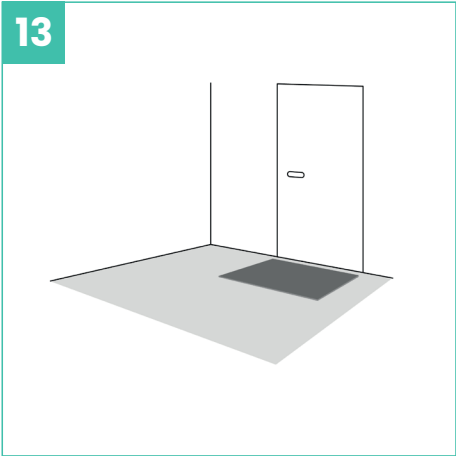
The castors of office chairs, rolling cabinets and trolleys should have a soft castor (type W).

Place felt glides under tables and furniture.

SPECIAL FEATURES AND EXCEPTIONAL SITUATIONS

- Our ONEFLOR design flooring 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.
- 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 cleaning agent recommendations at www.oneflor-europe.com

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