Installation instructions
Floorify Herringbone

Version: 01/05/2023

EN

To obtain an optimal result, we recommend reading the following installation instructions carefully and follow them closely.

HAPPY TO HELP YOU

We are always at your disposal for all your questions. Our help center can be reached at **hello@floorify.com** or by phone on **+32(0)51 140 180** from Monday to Friday from 8.30 am to 6 pm.

Be sure to check out our **installation videos**   and **FAQs** on **www.floorify.com**

WHERE CAN YOU INSTALL FLOORIFY?

Floorify Planks are an aesthetic floor finishing designed for **residential** and **commercial** indoor use.

Floorify Planks are waterproof and can be used as **floating floor covering** in **damp rooms** such as bathrooms, toilets or kitchens. Floorify Planks are not suitable as floor covering for walk-in showers (or other rooms with integrated water drainage), saunas, swimming pools or other wet areas.

AMBIENT TEMPERATURE
Floorify Planks are designed for **indoor** installation in **heated rooms** (2-40 °C). The optimal ambient temperature of the floor is between 18-25°C.

The product is not intended for outdoor use or in unheated/uninsulated applications such as campers, ships, verandas or solariums.

Protect the floor against extreme direct heating (floor surface locally >60°C) If this is not possible, local gluing of the floor can be considered. Ask your distributor for advice or contact us. I.e. an open fire or stove, you can use a fire plate or fire-resistant mat for example.

UNDERLAY
Floorify Planks should always be placed on top of a **suitable high-quality underlay** such as the Floorify Comfort or the Performance underlay. These Floorify underlays were specially developed for use in combination with the Floorify Planks collection. That is why the Floorify underlays guarantee optimum performance of your Floorify Planks:

- To level out (within the flatness tolerances of the subfloor – see "important technical information)
- Prevents grinding caused by grit or pebbles
- Increases impact resistance and walking comfort
- Can be combined with both floor heating and floor cooling
- Isolates the transit sound (ΔLw 21 dB or ΔLin10 dB)

In case of damage or accelerated wear of the floor caused by the use of an underlay other than the Floorify underlays, the warranty given by Floorify will lapse.

MOISTURE BARRIER

In high-moisture areas, such as bathrooms, we recommend applying a **water-tight foil (0,2mm)** beneath the Floorify underlays. Although Floorify Planks are completely water-resistant, water can always seep in between the joints or beneath the edge of the floor, permeating the underground and causing damage.
Note: The screed must always be completely dry and meet the specified moisture values, even with a moisture barrier!

FLOATING INSTALLATION

Floorify Planks are always installed as a **floating floor system, without glue.** The floor boards are provided with a 360° click system that allows you to continue laying in any direction.

The floor components must at all times be able to **expand and contract freely** in response to changes in temperature. Therefore, you may never glue, nail or fix the floor boards to the screed, walls or any other part of the room.

EXPANSION JOINTS

At least **5 mm free expansion joint** around all walls, door frames, windows, sills, pipes and heavy objects in rooms. **Never use a silicone sealant** or other flexible paste to fill the expansion joints.

During installation, **spacers** must be used around all walls, thresholds, door frames, windows, pipes and heavy objects so that the expansion gap of at least 5 mm is always respected and the Floorify floor does not shift. Only remove the blocks after the Floorify floor has been completely installed.

Expansion joints can be covered visually at the end with matching skirtings and/or profiles.

EXPANSION REQUIREMENTS

Floorify can be laid out to a maximum surface area of **20x20m** (400m²). In case of longer or wider surfaces than 20m, additional expansion joints must be provided.

If there is a **temperature difference of 12°C or more** between different rooms, an expansion joint must be provided. This also applies to surfaces **where there is underfloor heating in one room and not in the other**. These two floor parts can expand differently, with tension as a result.

HEAVY ELEMENTS ON THE FLOOR

We recommend to place heavy objects such as kitchen islands, built-in cupboards, etc. before installing Floorify Planks and not install them on top of the floor.
Heavy objects can block the floor and prevent it from expanding/shrinking during temperature changes. As an indication, heavy objects may not be heavier than 1000 kg and/or may not exert a load greater than 50 kg/cm². Always respect the 5 mm expansion gap around cabinet legs , plinths, ...

Advice: Check out how to finish the floor around a kitchen island on our website.

TRANSPORT AND STORAGE

It is important to always store and/or transport the boxes with Floorify floor panels on a **dry and solid surface, in neat stacks, laying flat** (so not overhanging) and never vertically.

Store your Floorify floor indoors and within a temperature range of 2-40°C.

PREPARATION

ACCLIMATIZATION AND TEMPERATURE
To guarantee an effective installation experience, it is essential to store the floor horizontally for at least **12h** in the room where the Floorify floor is to be installed. This to achieve the **ideal installation temperature of 18°C-25°C**. This allows the material to "de-stress" any tension it has sustained during transport or storage. Maintain this temperature for at least 24h before and after the installation.

During the life cycle of the floor, the **ambient temperature must be at least 2°C and maximum 40°C**. Protect the floor against extreme direct heat (floor surface locally >60°C).
We recommend a relative humidity of 40-80%.

WHAT DO YOU NEED?
You do not need much material to install a Floorify floor. A sharp Stanley knife, a measuring rod, a pencil and spacers (5mm) are essential.

Other material that is useful in certain situations or allows you to work more precisely: a handsaw, jigsaw power tool and/or electric saw with trespa or metal blade, a crowbar, a rubber hammer, carpenter's square, an angle meter, a vacuum cleaner, personal protective equipment, ...

SCREED (SUBFLOOR)
Floorify Planks can be installed on various subfloors such as concrete, sand cement, anhydrite, wood, ceramic tiles, etc. The screed must be **hard, sufficiently flat, non-resilient** and must meet all the prescribed conditions.

A decent preparation of the screed is essential for an optimal result. First remove all existing soft and/or floating floor coverings such as carpet, felt, vinyl and laminate. Hard, non-floating floor coverings such as tiles or glued parquet can remain in place.
The screed must be clean, leveled, permanently dry and stable. Remove all traces of plaster, paint, glue, oil, grease, etc. Vacuum the floor thoroughly.

Floorify is **an aesthetic floor finish** and does not serve to solve structural problems.

UNEVENNESS
Roughness, cavities or bumps in the screed can cause an uneven floor surface and thus accelerate the wear of the Floorify floor or click system. They can also lead to seam formation. Therefore, the subfloor must not have floor height difference of more than 3 mm over 2 linear meters. Thanks to the strong Rigid Core in combination with the Floorify underlays, you can bridge these slight bumps.

Are the unevennesses larger? Then you can level out the screed with **a suitable levelling compound or solid board material**. Bumps must be sanded away.
Another type of underlay with a higher levelling capacity can also be used. Ask your dealer or installer for advice. Please note, damages related to the use of another type of underlay is not covered by the Floorify warranty.

PREPARATION FOR A CONCRETE OR SCREED FLOOR

Always give a freshly poured screed, concrete or anhydrite screed sufficient time to dry out. The moisture content of the screed must not exceed the following values before installation and during its life cycle:

	Cement bonded	Anhydrite
No underfloor heating	<2,5% CM	<0,5% CM
With underfloor heating	<1,5% CM	<0,3% CM

Always keep the above values in mind!
Always measure, record and store the results of the moisture measurements. Be aware that in deeper layers there may still be a lot of **residual moisture**. Allow the screed to dry naturally enough before starting the heating-up protocol.

Repair surface imperfections with an appropriate repair compound and check if a primer or sealer is needed. Visually smooth does not necessarily mean that the floor is levelled. Always check the slope of the screed and correct where necessary.

PREPARATION IN CASE OF CERAMIC TILES

It is not necessary to fill or level the joints between the tiles as long as they are **<5 mm wide and/or <4 mm deep**. Wider or deeper joints may sound hollow or provide insufficient support for the floor. Also check that no tile edges protrude upwards and that there is no moisture problem in the joints.

PREPARATION IN CASE OF WOODEN SUBFLOOR

Check the floor for signs of **mould and/or insect infestation**. Make sure that the screed is levelled and **nail down any loose parts**. If necessary, apply a levelling floor or levelling compound to optimally prepare the covering floor. It is essential that the crawl space between the floor and the wooden screed is always **ventilated**. Remove any obstacles and ensure sufficient ventilation (minimum 4 cm² total ventilation opening per m² of floor). Always check the **moisture content** of the wooden floor. This may not be more than 14%.

MOISTURE IN THE SUBFLOOR

Although the Floorify Planks are insensitive to moisture, they are not intended for use as a moisture-inhibiting or waterproof system. **In case of moisture, the screed must be sufficiently dried out or made vapour-tight before the Floorify floor is installed.** Moisture or rising residual moisture under the floor can lead to **unhealthy mould formation and/or push up the floorboards** with the chance of permanent deformation.

UNDERFLOOR HEATING AND COOLING

Floorify Planks can be installed on a subfloor with traditional underfloor heating and/or cooling (water-based and/or electrically thermostatically controlled) incorporated **in the subfloor or in at least 9mm equalization.**

The room temperature of the Floorify floor **cannot exceed 29°C**. Before, during and at least 24 hours after the installation of your Floorify floor, the room temperature must remain between 18°C-25°C. The floor heating system can then be gradually increased or decreased, with a maximum of **5°C per day**.

Always check the deep lying residual moisture with underfloor heating in a newly poured screed. Allow the screed to **dry out sufficiently** and then always go through the entire **heating-up protocol**! The floor heating must be extensively tested and there must be a **moisture measurement** before the Floorify floor is installed. Moisture measurement results must be recorded.

The heating behaviour and setting of the underfloor heating is the responsibility of the end user.

There are many different types of underfloor heating. Always check the suitability of the underfloor heating or cooling system in the manufacturer's instructions.

More up-to-date information on types of underfloor heating can be found on our website.

The recommended minimum water temperature for an **underfloor cooling system is 18°C**.
If the water temperature is lower than 18°C or the difference between the water temperature and the room temperature is too big, this can lead to condensation. A built-in condensation monitoring system can prevent this. When using an underfloor cooling system, make sure that there is always a good **control unit** with a safety device against temperatures that are too high and/or too low.

Always seek advice from the installer of your heating and/or cooling system.

IMPORTANT POINTS OF INTEREST BEFORE INSTALLATION

PRODUCTION NUMBER
The production number of your Floorify floor can be found on the short side of the packaging and on the back of each floor board. For example: 20210523F100. Small colour variations in the same batch number contribute to the natural look of your Floorify floor.

Two different batches can differ slightly in colour and/or gloss level. **We therefore recommend always working from the same batch.** Check this before installing the floor.

VISUAL CHECK
Checks must be made in optimal light conditions, before and during installation. Floor boards **with visible defects can never be installed**. An installed board with a visible defect is considered as being accepted.

MIX
Mix floor panels from different packs during the installation. This ensures a **good spread of the different floor panels and avoids possible color contrasts**. For the most beautiful, natural result, avoid two identical floor panels close together.

GREAT START
Pay close attention to the placement of the initial triangles and the first 2-3 rows. Make sure that all joints close tightly. Otherwise laying errors will continue in the rest of the floor. A good start is half the battle.

MEASURING THE SPACE
It is important to measure the (most important) spaces before installation. This measurement will help you to determine where you should start placing the triangles. The hallway is often an important reference point in the house.

Make an installation plan before you start.

CUTTING WASTE

Always calculate more floor superficies than the area that is to be installed. We recommend the following percentages: **planks 5%, tiles 10% and herringbone 15%.**

Please note: these are guideline figures. The exact percentage may vary depending on the space. Ask your distributor for advice.

BUILDING HEIGHT

The total thickness of a Floorify floor + Floorify Comfort underlay is **6 mm – 6.5 mm**, depending on the chosen format. With the Floorify Performance underlay, you will have a thickness of **5.5 mm - 6 mm**, depending on the chosen format. Keep this in mind for the height of the doors, kitchen island, etc.

INSTALLATION

Also check our **installation videos** on our website **www.floorify.com**.

Tongue   Groove
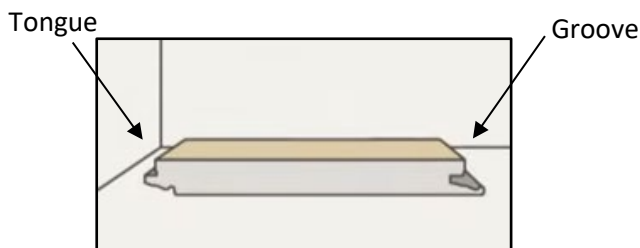
Underlay

Start in the corner of the room and roll out the Floorify underlay. Place the Floorify underlay strip by strip, according to the width and as you progress with the installation of the floor. Always lay the strips next to each other and make sure they do not overlap. Never lay a double layer of Floorify underlay. Taping the underlay to each other or to the subfloor is not necessary. Always use the same underlay and don't combine different underlays.
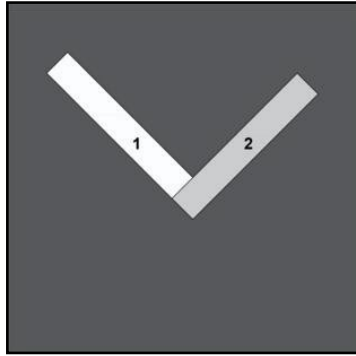
Left-hand panels and right-hand panels

Always keep the left-hand panels (or L panel) and right-hand panels (or R panel) separated from each other. You will recognize them by the mark L or R on the back of the floor panels. The two planks are each other's mirror image.

<u>NOTE:</u>
*On the drawings, the L panels have a <u>L</u>ight color and the R*
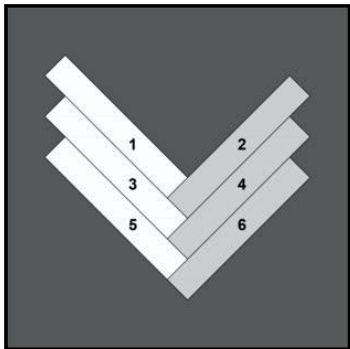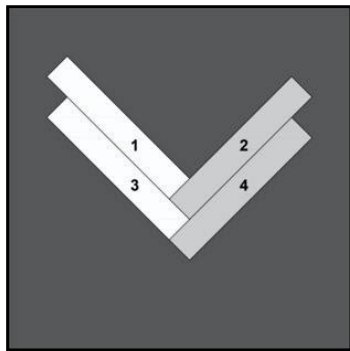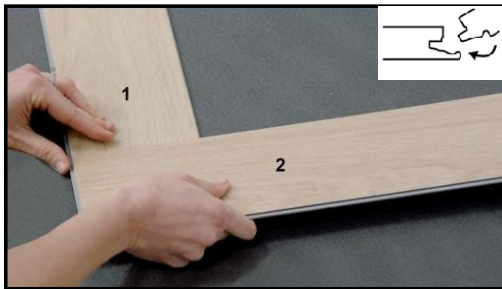
panels have a da*R*k color.

**PART 1: INSTALLING THE FIRST ROW OF TRIANGLES**

FORM THE FIRST BASE TRIANGLE

1. **Start with an L panel** (n°1) and place it with the long side facing the left-hand wall at an angle of 45°.

2. **Next, take an R panel** (n°2) and position the long side of the R panel at an angle of 90° against the short side of the previously installed L panel (n°1). Make sure that the grooves of the two panels are always in a straight line, and slotted firmly together.

3. **Place a second L panel** (n°3) with the long side in the long side of the previously installed L panel (n°1) and into the short side of the first installed R panel (n°2), according to the tongue-and-groove system. Make sure that the groove of the short side of the second L-panel (n°3) forms 1 straight line with the groove side (on the long side) of the first R-panel (n°2).

4. **Next, place a second R-panel** (n°4) with the long side in the long side of the previously installed R-panel (n°2) and in the short side of the previously installed second L-panel (n°3) according to the tongue-and-groove system. Make sure that the groove of the short side of the second R-panel (n°4) forms a straight line with the groove side on the long side of the last installed L-panel (n°3).

5. Now also **install a third L panel** (n°5) similar to step 3.

6. Now also **install a third R panel** (n°6) similar to step

__Note:__When clicking the panels together, check that the joints are always closed tightly and that the ends of each floor panel are always in line with the long edges of each floor panel.
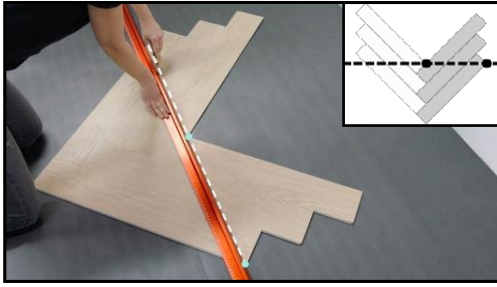
CUTTING THE TRIANGLE TO SIZE

1. Draw a straight line on the decor side of the panels from the right-hand corner of the last installed R panel (third R panel) (n°6) to the top centre point of the triangle. Extend the line through.

2. When using a Stanley knife or a crosscut saw: click the panels apart to cut/saw them. If you have a plunge saw: you can leave the board together and saw them in one go.
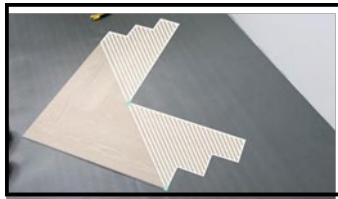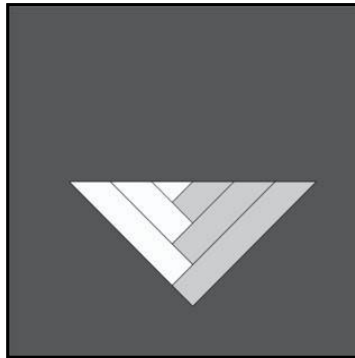
   ADVICE: sawing/cutting
   To cut your floor panels to the right size, use <u>a saw</u> . To do this, place the floor panel with the design side up. Use a ruler or another floor panel to accurately mark off the part to be sawn. Next, saw the long piece neatly with a handsaw, a jigsaw or an electric saw (saw blade for Trespa or metal).

   If desired, you can also cut the long piece off with a Stanley knife. To do this, place the floor panel with the design side up. Use a ruler or another floor panel to guide you when cutting the panels with a Stanley knife. Cut with the knife two or three times over the piece to be shortened. Then turn the floor panel and break off easily the cut off piece. Is the piece to be cut off too small? Then use a pair of pliers.

   <u>NOTE:</u>
   ***Do not throw away the offcuts. You can reuse them at the other end of the room..***
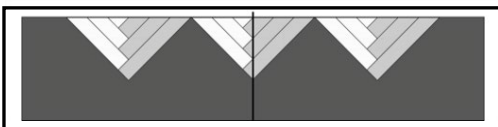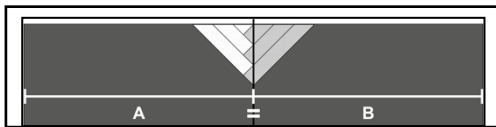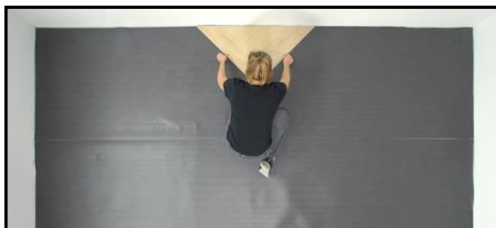
3. Click the panels into each other again and place the triangle against the wall with the apex facing you. Make sure that the point of your triangle is in the middle of your room for a symmetrical result. Use spacers to respect the expansion gap of 5 mm.

4. Make more triangles for the rest of the width of your room. Repeat the steps above.

   <u>ADVICE:</u>
   You need about one triangle per linear metre. Example: If your room is 4 metres wide, then you will have to make 4 such triangles.

   <u>ADVICE:</u>
   You do not need to assemble all the panels again to make the rest of the triangles. Instead you can mark them off straight away according to the dimensions of the first triangle.
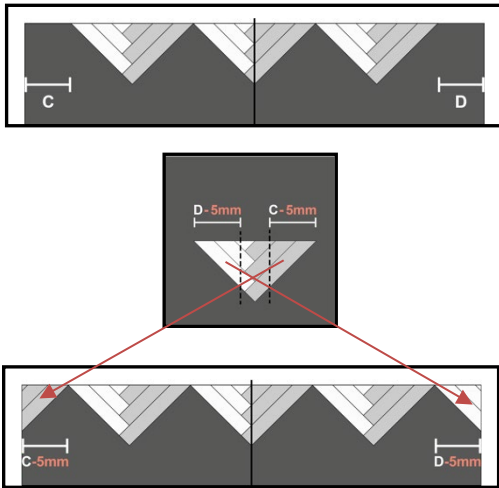
5. The last triangle is used to fill the free space on the left and right. Measure both free spaces and bear in mind the expansion gap of at least 5 mm. Use the left-hand part of the triangle at the right side and the right-hand part of the triangle at the left side
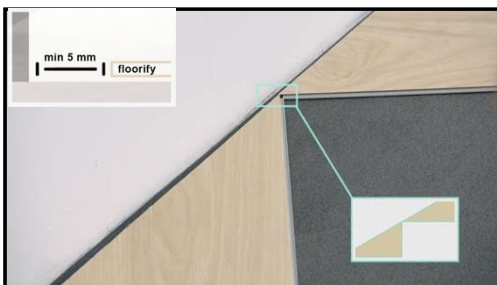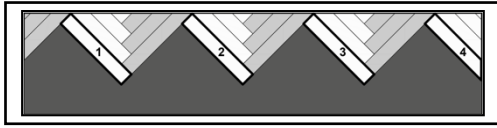

6. Place the various triangles with their corners against each other. Take the expansion joint into account and keep a minimum distance of 5 mm from the wall.
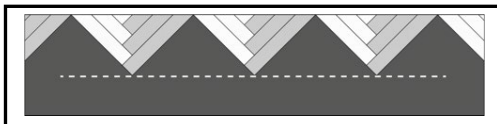
7. Next, line up all triangles so a straight lined start grid is obtained.

PART 2: INSTALLING THE ENTIRE ROOM

1. First, we place a **complete row of L-panels** from left to right. This is how we connect the triangles.

   Click an L-panel into the outer L-panel of one of the previously installed triangles via the long side according to the tongue-in-groove system and drop the short side (drop down) into the long side of the outer R-panel of the triangle next to it.

   Repeat this for the other already installed triangles.

   Always check that the seams are closed tightly! Otherwise laying errors will continue to appear on the rest of the floor.
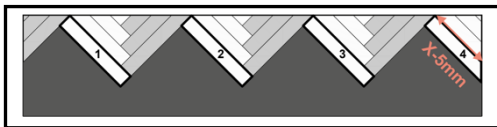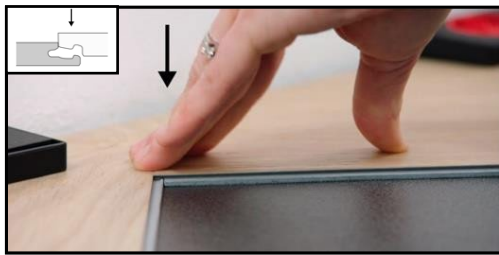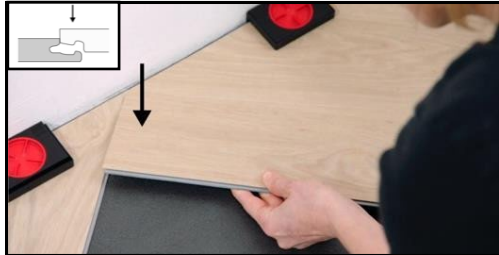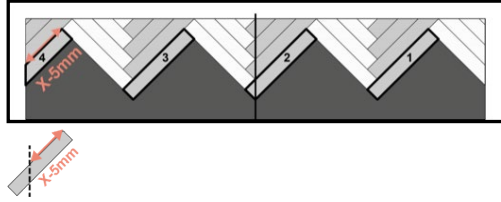

ADVICE: Sawing/cutting the panels (45°): **Determine the distance to the wall, taking into account an expansion gap of at least 5 mm (distance X–5 mm). Measure this point on your panel and use a carpenter's square to neatly indicate an angle of 45° on your floor panel.**
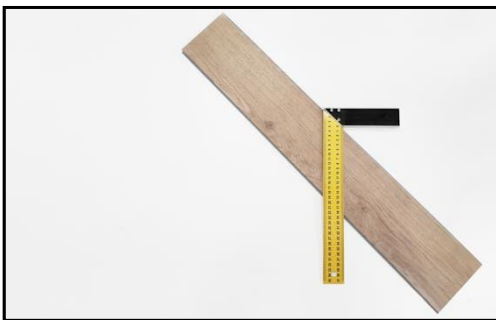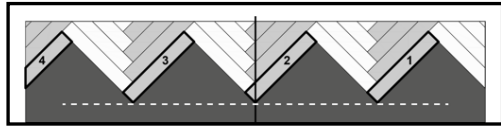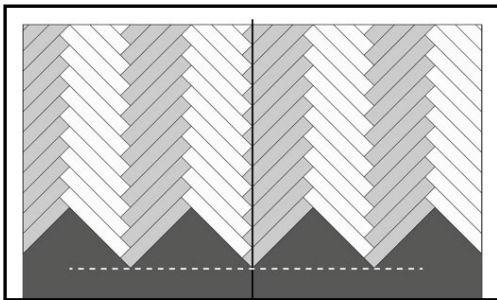
2. Next, we install **a complete row of R panels** from **right to left** using the same method, but in mirror image.
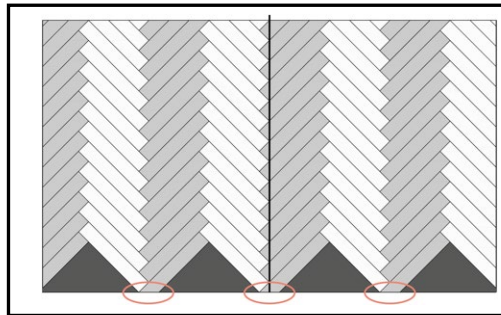

3. Installing **the following 'rows'**

   Repeat placing the L panels followed by placing the R panels according to the lay shedule mentioned in the steps above.

   Regularly check to ensure that the outer corners of the triangles are always on one line. If a gap appears between planks, return to where the gap is no longer visible and start laying the planks again.

PART 3: FINISH AGAINST THE WALL

When the opposite wall is reached, planks will have to be cut/sawn to size in order to fit.

Continue until the entire room has been laid.

Store unused planks or packs for possible future repairs. Store them indoors and horizontally. Floorify cutting waste is 100% recyclable and can be brought to your local waste center for recycling.

OBSTACLES

Difficult-to-reach places

In places where it is difficult to tilt the panels, for example beneath radiator, use a pull bar to pull the floor panels together. It is also possible to knock the panels together using a tapping block. Make sure that the floor is sufficiently firm.
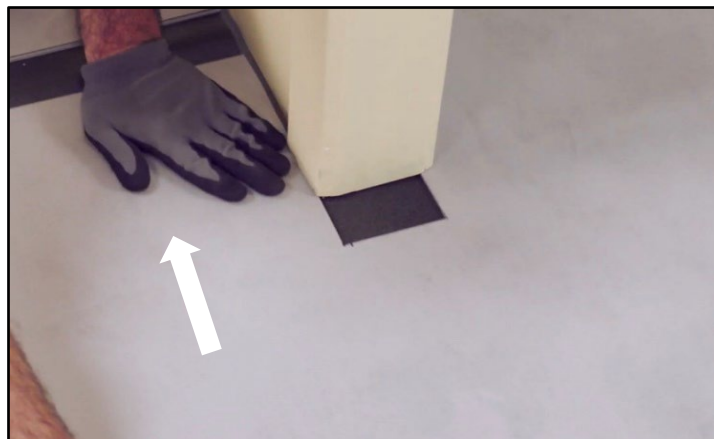

Door frames

Where the new Floorify floor meets a threshold or door frame, we recommend shortening the frame and laying the floor underneath it for the best result. To determine the correct height, you can turn a plank, together with a piece of Floorify underlay, upside down and lay it on the screed against the door frame. Use a handsaw or multi-tool flat against the board and cut through the frame. Remove the cut-outs and vacuum the remains away. You can now fit the floor board by clicking and using the tapping blocks.

Pipes

In rows where there is a pipe, make sure the pipe falls exactly in line with the short side of two panels. Take a drill bit with a diameter equal to the diameter of the tube and add 10 mm. Click the boards together on the short side and drill the opening with the centre at the joint of the two boards. Now place the floor boards on the screed around the tube. If you cannot position the tube at the short side, the board will have to be cut in two by the centre line. The two pieces are fixed by the surrounding boards. You can also apply some superglue to the side. Tape off the top of the board to avoid glue residue.
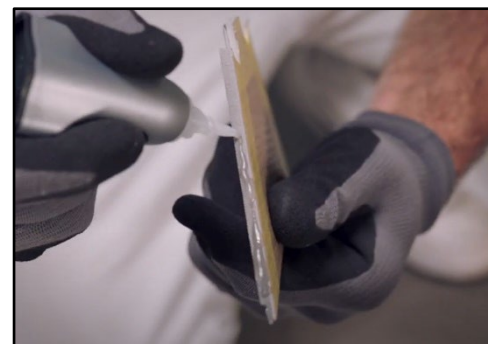
In case of a double pipe, drill a hole with the same diameter as the pipes at all the marked points, adding 15 mm. If the pipes are on the long side of the board, make a 45 degree cut from each hole to the side of the board.

Apply suitable adhesive to the cut edges of the piece and glue it in place. Make sure that no glue gets between the cut piece and the screed. Advice: cover the top of the boards with some tape.

PREVENTION

You can walk on the floor during and immediately after installation. Due to the extra coating of the top layer, special treatment after installation is not necessary. This coating protects your Floorify floor against dirt and makes maintenance easier.

Some precautions

Some simple precautions help you to maintain the aspect and maximize the life cyclus of your Floorify floor.

Cleaning mat

Most of the pollution comes from an external source. Avoid entering dirt, water and sand by placing an **adapted foot mat**, on all entrances. This not only helps to prevent damage to your floor, it also facilitates maintenance and extends the life of your Floorify floor. When choosing a floor mat, please note that the backing of the mat **does not consist of rubber or latex**. These can cause discoloration of the Floorify floor.

Protect sliding furniture

Always protect furniture and chair legs with **high-quality, soft protective caps or felts**. Check regularly for wear and tear or dirt. Keep them dry and replace them if necessary.

Accumulated dirt under sliding furniture **can cause damage and scratches**. Incorrect hard caps can also be detrimental to the surface of the floor.

Wheels

Place **soft, wide wheels** that are suitable for vinyl/ PVC floors under your (office) chairs and armchairs and/or use a suitable desk floor mat for extra protection.

Never use small, thin, hard wheels. They pose a great risk of **point loading** on the click joint, which could result in damages to the click system.

Moving furniture
> **Never drag heavy objects or furniture** over the floor, but lift them up.

Avoid discoloration
> Every floor covering discolors under the (long-term) influence of sunlight, whether this is parquet, laminate, PVC/vinyl or carpet. This is caused by the UV radiation in the sunlight. **Good sun protection is important to avoid discoloration**.

Fireplace
> Floorify floors can be installed in rooms with a fireplace. However, you should take the heat radiation into account.
> If the fire is very close to the floor, use a **fire plate or fire-resistant mat** so that the zone in front of the fire is shielded from direct heat radiation. If you do not do this, the temperature in the area in front of the fire can rise too high and damage the floor.

Do not bring cigarettes, matches or any other hot objects into contact with the floor. These can cause permanent damage.

Vacuum cleaner
> Use a quality vacuum cleaner **with a soft brush and check that the wheels rotate smoothly** to avoid scratches.

Avoid contact with rubber
> In the case of prolonged contact between vinyl/PVC and rubber or latex, **a permanent dark-brown discoloration may occur due to migration** (such as a rubber ring under a trash can, rubber doormats, bicycles, etc.). Rubber caps under furniture can also cause streaks due to friction. We therefore recommend that you check all furniture and all utensils for rubber caps and provide them with the correct protection

MAINTENANCE

Thanks to the additional, innovative coating of the top layer, no special treatment is required after installation, in contrast to parquet or linoleum where this is required.
This coating protects your Floorify floor against dirt and makes it easier to maintain.

Cleaning
- First remove all coarse dirt and dust from the floor with a soft brush or vacuum cleaner with a soft head
- Floorify is very easy to clean. The floor does not have to be cleaned with abundant water. Clean the floor with a wrung-out, clean mop.
- Repeat this at least twice or as much as necessary until the water remains clean.
- Then mop your Floorify floor with clean water.
- Leave the Floorify floor as dry as possible.

Maintenance products
- If an additional cleaning product is used, choose a pH-neutral product (pH 7). For example the Floorify cleaner Conny.

  Aggressive products can corrode the topcoat of the Floorify floor and cause damage. Never use maintenance products that contain wax or oil. Do not use vinegar, polishes, abrasives, corrosive detergents or solvents.

  Floorify cleaner Conny can be used for normal maintenance.

  In case of stubborn stains, just after installation and every 4-6 months, we recommend cleaning the floor with the Floorify intensive cleaner Conny Turbo. Read the instructions on the bottle carefully.

Removing stubborn stains
- Stubborn stains can be removed with undiluted Conny Turbo or another PH-neutral intensive cleaner suitable for PVC.
- Allow the product to work in for 10 minutes and then scrub the floor with the addition of warm water. Try to exclude excessive use of water so that no water, e.g. via the expansion joints, can get under the floor.
- Pick up deposited dirt with a mop and rinse thoroughly with clean, clear water and a clean mop.

Superficial scratches or streaks
- If there are superficial scratches or streaks and natural traces of ageing on the floor, these can be made less visible by using the Conny Care maintenance product.
- The matt protective layer also extends the life of the floor.

Steam cleaner
Using a steam cleaner with a wide mouthpiece and in combination with a suitable microfibre cloth can be used. A steam cleaner will not adversely affect your Floorify floor and will therefore not adversely affect the click system, decor, colour or other product properties.

However, you should take a few things into account:
- Avoid direct contact of the steam on your Floorify floor by using the microfibre cloth/pad on the steam opening. This ensures that the steam and heat are evenly distributed.
- Keep the contact of the steam on your Floorify floor as short as possible and set the appliance to the lowest setting.
- It is recommended to clean the floor in the lengthwise direction of the boards.
- Installed skirting boards may come loose due to the combination of steam and heat on the tape used to attach them. If required, stay several cm away from the skirting boards to avoid this.
- Make sure to completely dry the Floorify floor with a dry cloth or mop immediately after cleaning.

Please note: In the case of intensive cleaning, moisture can end up under the floor covering, which can possibly affect the subfloor (wood or anhydrite) in the longer term.