

INSTALLATION INSTRUCTIONS

1. INTRODUCTION

Beauflor cushion vinyl flooring is designed exclusively for interior use and should be treated accordingly, both during and after installation. When selecting a product from our collection, consider its location and application. The European usage classification for each product is described on the accompanying technical data sheet and on our website: www.beauflor.com

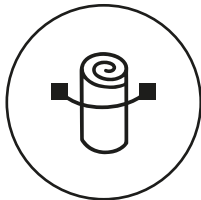
Please read the complete list of instructions before fitting our vinyl flooring. Failure to follow our instructions may affect your warranty, so it is important to fully understand what is required before installation begins. Please also refer to local rules, which may vary by country.

The installation of the floor must be one of the last operations to be performed on the job site. Beauflor suggests that, wherever possible, the purchaser uses a professional installer to obtain the best results. For your safety, wear protective clothing, such as gloves, dust mask, protective glasses, etc.

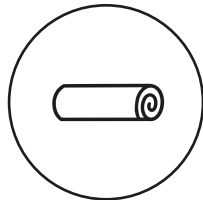
2. BEFORE INSTALLATION

2.1. Storage

Beauflor vinyl flooring must be stored indoor and dry protected from the weather and direct sunlight.



≤2m rolls:
store upright and
securely fastened



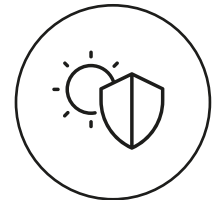
>2m rolls:
store horizontally,
not stacked



Indoor & protected
from the weather



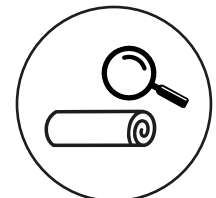
Dry



No direct sunlight

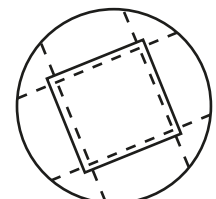
2.2. Visual inspection

Before installation, always carefully inspect the material for any visible damage and defects. Although Beauflor rolls are inspected before leaving the factory, defects may occur during transportation. In this case, please contact your Beauflor distributor for assistance.



2.3. Pre-cutting and acclimatisation

Cut each piece to size with an extra 5 cm margin on each side. Lay the sheets flat for 24 hours, leaving a 1 cm gap between each sheet to allow the product to acclimatize. Alternatively, loosely roll up (decorative side facing outwards) the sheets and store them in the room where they will be installed.

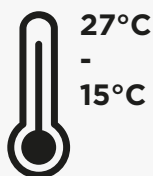


2.4. Climate conditions

The following room climate conditions must be ensured at least 3 days before, during and up to seven days after installation to allow both the vinyl flooring and adhesive to acclimatise.



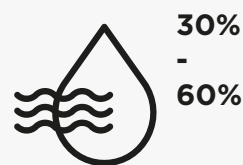
**72 HOURS PRIOR
TO INSTALLATION**



Subfloor temperature:
without floorheating: $\geq 15^{\circ}\text{C}$
with floorheating: 18 - 27°C



Room temperature:
 $\geq 18^{\circ}\text{C}$ - max 30°C*



Relative humidity:
30 - 60%

*In case of higher temperatures, special measures such as ventilation and air conditioning are required.

2.5. Subfloor conditions

The subfloor must be solid, load-bearing, flat, dry, free of cracks, clean and free of grit, dust, grease, oil, polish and old adhesive. The necessary tests must be conducted using suitable test equipment, such as a levelling bar, hygrometer, etc. In the event of deviations, concerns must be reported to the client immediately.

Floor coverings may only be installed on subfloors that are prepared and ready for installation according to the specific national requirements and technical guidelines.

Maximum moisture levels in the substrate*:

Cement screed (CT)	≤ 2.0 CM % (heated ≤ 1.8 CM %)
Calcium sulphate screed (CA)	≤ 0.5 CM % (heated ≤ 0.3 CM %)
Wood and wood-based materials (OSB/Chipboard)	5-12 wt.% (recommended ≤ 9 wt.%)

Evenness of the subfloor*:

Maximum deviation ≤ 4 mm/m

* In case of any specific national guidelines, these should be followed.

Solvent-based products, petroleum, pigmented materials on or in the subfloor can permanently stain vinyl floor covering, which is why the subfloor must be free of paint, varnish, oils, solvents, wax, hardening compounds in mastic, asphalt, and other similar materials. Imperfections in the subfloor will affect the final appearance and performance of vinyl flooring. Any particles that could compromise the quality of bonding with the adhesive must be removed.

2.6. Underfloor heating and cooling

All Beauflor floor coverings are suitable for use over underfloor heating systems, providing the heating system has been properly installed (heating protocol) and the heating system has an automatic cut-off to ensure that the temperature never exceeds 27°C.

The underfloor heating and cooling must be switched off for 48 hours prior to, during and for 48 hours after the installation of the vinyl flooring. Afterwards, it can be switched back on and the heating temperature should be raised gradually, in increments of 5°C per day, until the desired level is reached.

Note: Particularly in the winter season, the underfloor heating must be operated with a low flow temperature (at least three days before, during and up to seven days after installation) to maintain a subfloor temperature within the specified range (18 °C to 22 °C).

Vinyl flooring can also be installed over reversible systems (underfloor heating & cooling); however, the temperature of the cooling water supply must never be below 18°C.

- Temperatures below this will produce condensation and could damage the floor covering.
- Room thermostats must never be set to a temperature which is more than 5°C below the room temperature.

Reversible systems (heating & cooling) and electric radiant floors are not suitable for loose lay installation. In this case; the vinyl floor must be fully glued.

2.7. Subfloor preparation

The preparation method depends on the type of subfloor.

Type of subfloor	Loose lay / Semi-loose lay	Full glued Installation
Concrete base/ cement screed incl. heated screeds	Sand, prime and level the surface	
Liquid screed	Make sure the surface is levelled (sand, prime and level if needed)	
Plaster boards	Level the surface if necessary	Prime the surface, level if needed
Surfaced	Sand the surface	Sand, prime and level the surface or place an interposing layer
Quarry or ceramic tiles	Make sure the surface is levelled (prime and level the grouts)	
	<p>Note:</p> <ul style="list-style-type: none"> Loose or broken tiles should be removed and the floor patched with a suitable concrete batch. Old quarry tiles were often laid on subfloors without a suitable damp-proof membrane (DPM). This should be checked prior to the installation of the floor. If there is no integral DPM then a surface DPM must be installed. 	
	<p>Note: Vinyl floors with textile backing and a wear layer thickness</p> <ul style="list-style-type: none"> of ≤ 0.30 mm can be installed directly on the tiled floor, if the joint is ≤ 1 mm deep and ≤ 2 mm width, but flush. of ≥ 0.35 mm can be installed directly on the tiled floor, if the joint is ≤ 1 mm deep and ≤ 4 mm width, but flush. <p>Only basic cleaning of the tiles is required.</p>	
Wooden floorboards	<p>Loose floorboards should be secured with suitable nails or countersunk screws. Any protruding nails must be hammered down flush with the surface. Cover the floorboards with 3-6 mm gauge resin-bonded plywood panels. Secure the panels with ring shanked nails, staples or countersunk flat-head screws.</p> <p>If the subfloor is timber on top of a solid base, remove the wood panels and prepare like a concrete base.</p> <p>Do not lay the flooring directly on timber treated with wood preservative.</p>	
OSB plates	<p>Fill openings (holes) and prime/seal the surface, if treated with wood preservative.</p> <p>Loose floorboards should be secured with suitable nails or countersunk screws. Any protruding nails must be hammered down flush with the surface.</p>	
Smooth flooring	Remove all existing PVC flooring, cushion vinyl, linoleum, cork flooring, etc.	

NOTE: Asbestos and flooring containing asbestos must be removed and may only be removed by companies with a certificate of competence.

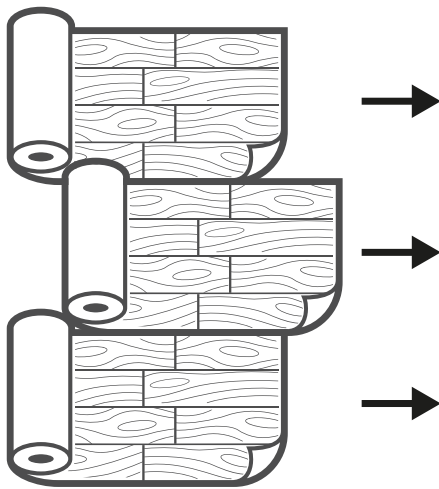
3. INSTALLATION

The rolls should be installed in the direction of the incoming light or in the direction of the anticipated foot traffic. If more than one piece is required to fit your room, it is important that each piece is cut from the same mother roll. This will ensure that you have true colour match along the seam. If pieces are cut from different rolls, please check with your supplier if these rolls have the same batch number. Rolls selected from the same batch must be installed in sequence, starting with the roll with the lowest batch number. Where possible, seams must be positioned outside areas of heavy traffic.

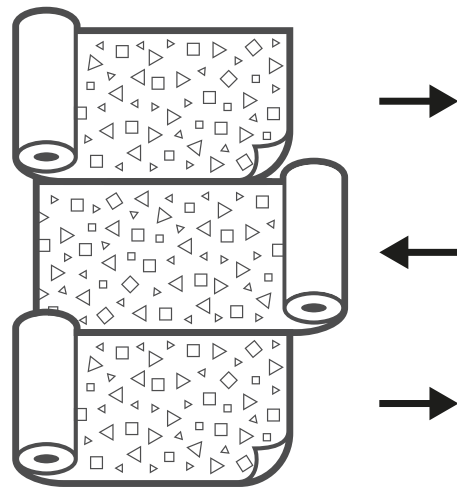
Positioning the vinyl sheets

3m, 4m, 5m rolls

Pay attention if the design needs to be laid in the opposite direction. Check the design specifications before you start.



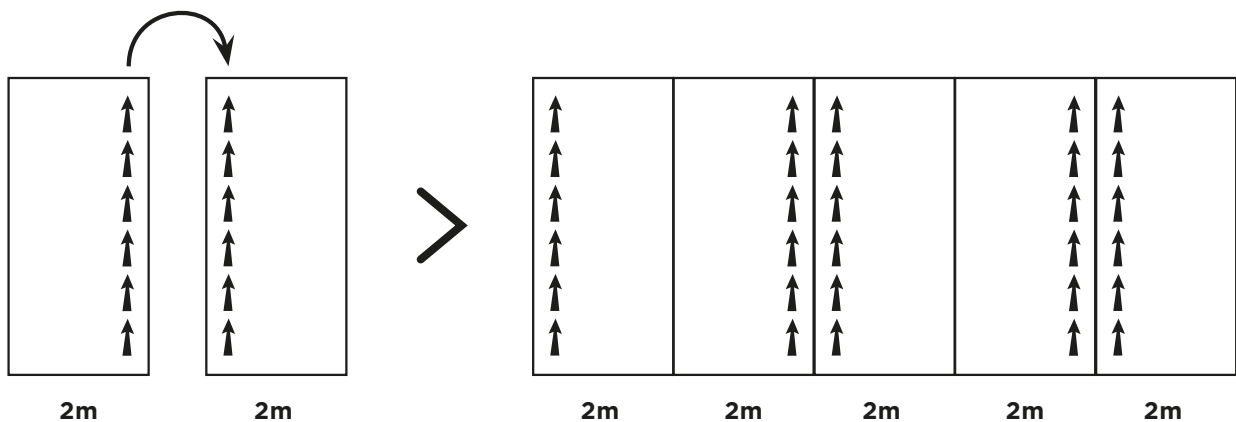
In case of plank and tile designs, every sheet should be installed in the same direction.

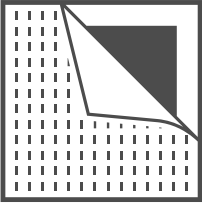


Most all-over designs should be installed in opposite directions so that every other sheet is rotated through 180°.

2m rolls

Check the back of the rolls and look for the arrows on one side. Place these arrows of 2 rolls next to each other and place the sides without an arrow next to each other. This way you will have a better colour matching. If more than one roll of the same colour is required, all the rolls must be from the same batch and installed in the same order as they are numbered.





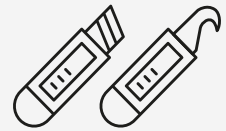
3.1. Loose lay installation

Single-piece installation does not require full adhesion and can be installed loose lay.

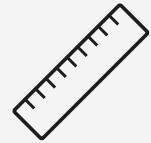
1. Place and line up the sheet on the starting wall and roll out with an overlap of 5 cm all around, ensuring that the pattern runs parallel to the wall.
2. Cut the perimeter to size with a wall distance of 1-2 mm and cover the gap with skirtings or a thin layer of MS polymer putty in a matching colour.

In addition, the following applies to loose-lay installation of Beauflor floorings:

- Maximum room size is 20 m² for products with a wearlayer of $\leq 0,20\text{mm}$ and up to 45 m² for products with a wearlayer of $\geq 0,25\text{mm}$ (see [table 1](#)).
- In case of multiple pieces where a seam is required, the floor must be laid:
 - ✓ placing double-sided tape under each joint and all around the perimeter (see [3.2 Semi-loose lay installation](#))
 - or
 - ✓ using a suitable full-surface adhesion (see [3.3 Full glue down installation](#))



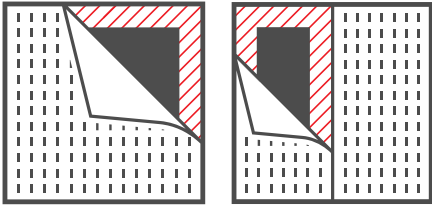
Cutter knife with trapezoidal and hook blade.



Long metal ruler or straight edge.



Tape Measure

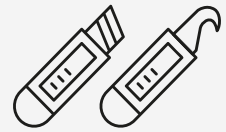


3.2 Semi-loose lay installation (Perimeter adhesion)

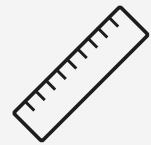
Beauflor vinyl flooring with textile backing and foam backing can be installed using the **semi-loose lay** method. However, for compact products such as Xtreme, Xtreme Lux, Magma, etc., this is not recommended.

For semi-loose lay, place a suitable double-sided tape (plasticiser-resistant) around the perimeter and under each joint.

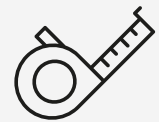
- ✓ With this installation method there are no length or width restrictions.
- ✓ In the case of absorbent substrates, a primer is required wherever the adhesive tape is placed.



Cutter knife with trapezoidal and hook blade.



Long metal ruler or straight edge.

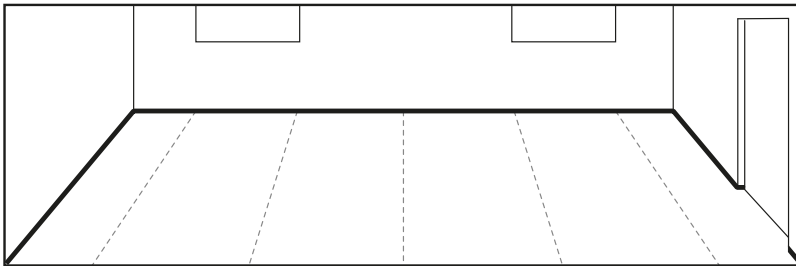


Tape Measure




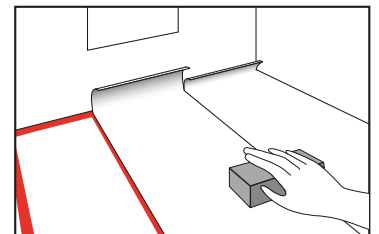
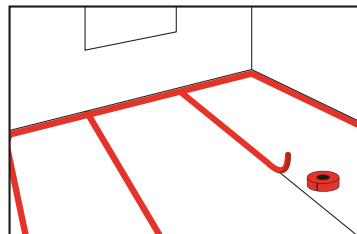
Double-sided tape (plasticiser-resistant)

1. Draw a reference frame in relation to the configuration of your room to position the rolls.

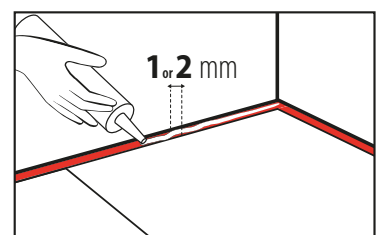
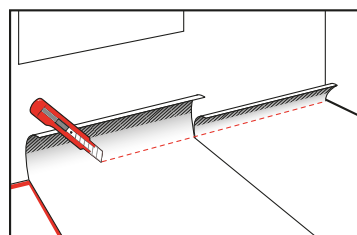


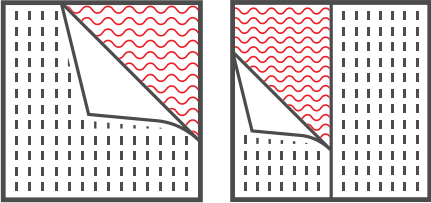
2. Place the adhesive strips under each joint and around the perimeter. Tamp down the glued areas with a cork wedge or tamping block.

 For 4 m and 5 m wide rolls, we recommend placing an additional adhesive strip in the centre.



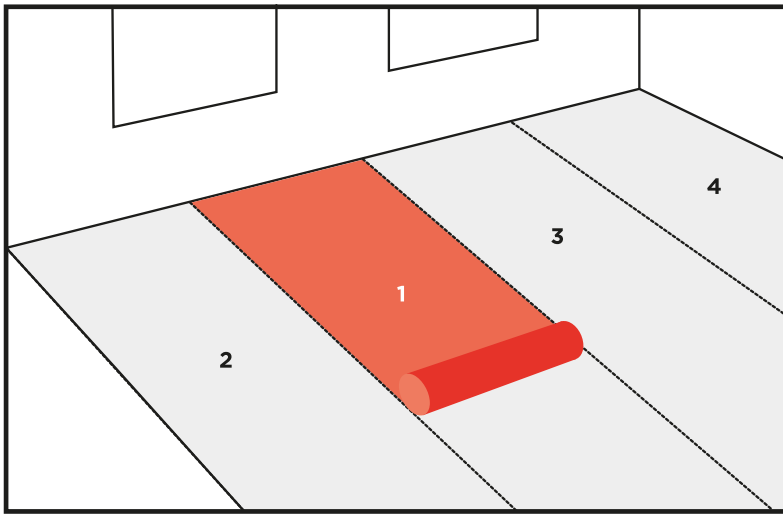
3. The floor covering is trimmed at the edges, leaving a space between 1 and 2 mm, and the gap is filled with MS polymer putty or covered with skirting.



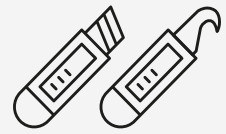


3.3 Full glue down installation

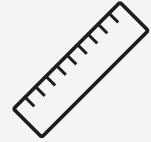
Our cushion vinyl floorings can be laid with full-surface bonding using a suitable and approved dispersion adhesive in accordance with the manufacturer's instructions.



1. Draw reference lines on the subfloor.
2. Align the sheets against the starting wall. Install sheets No. 1 to 4 in the room, leaving an excess of approximately 5 cm around the perimeter.
3. Fold the sheets back halfway without pressing the fold to avoid marking the flooring.
4. Apply the adhesive evenly over the surface using a notched trowel and the appropriate adhesive (follow the manufacturer's instructions).
5. Slowly lower the folded halves into the adhesive bed. Carefully observe the open time or tack of the glue (in accordance with the manufacturer's recommendations).
6. Lay the central sheets (1 and 3) first, then the side sheets (2 and 4). Next, press the strips firmly from the center outwards using a smoothing board or roller to prevent air pockets.
7. Repeat steps 3 - 6 for the other half of the surface.
8. Trimming at the edges/walls and adjusting the corners is done after installation. The installed sheets should be cut with a 1 to 2mm gap from the wall. Close the gap with a plinth or baseboard. Alternatively, it can be sealed with a permanently elastic MS polymer sealant.



Cutter knife with trapezoidal and hook blade.



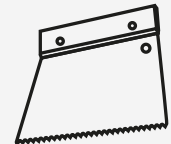
Long metal ruler or straight edge.



Tape Measure



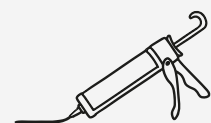
Double-sided tape (plasticiser-resistant)



Adhesive trowel (teeth A2)



Press-on tool (or soft broom)



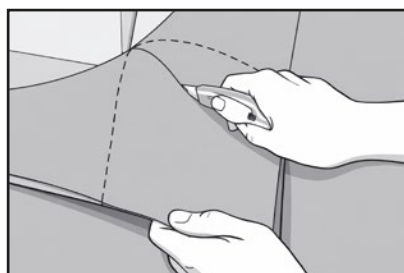
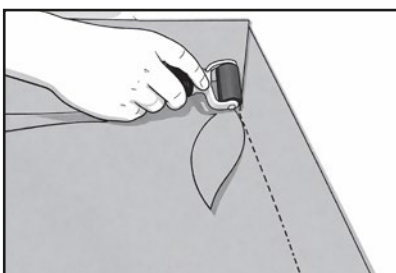
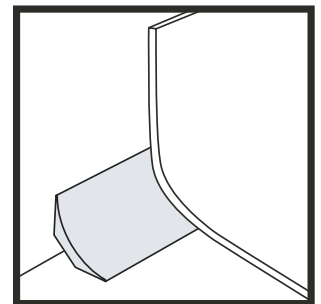
Acrylic adhesive suitable for cushion vinyl

Table 1

Commercial family (see brochure / website)	Wearlayer thickness	Maximum Surface Area (regardless of backing type)		
		Loose Lay (without glue & tape)	Semi-Loose Lay (with double-sided tape)	Full glue down (with glue)
RESIDENTIAL				
Prima	≤ 0,20 mm	≤ 20 m ²	≤ 30 m ²	∞
Optima	≥ 0,25 mm	≤ 45 m ²	∞	∞
Ultra	≥ 0,25 mm	≤ 45 m ²	∞	∞
COMMERCIAL				
Pro	≤ 0,20 mm	≤ 20 m ²	∞	∞
Pro	≥ 0,25 mm	≤ 45 m ²	∞	∞

4. COVING

1. Mark the height of the plinth coving (at least 100 mm) with a pencil and ruler.
2. Apply the adhesive on the wall to the marking with trowel notch (A2). Then apply adhesive on the subfloor. For larger installation, do the bonding in stages after placement of the floor sheets.
3. Use a corner roller for folding the vinyl flooring to an even radius between the floor and the wall. Heat the area behind the flooring and rub firmly against the wall. Press the flooring into the corner with a corner roller.
 - At **inner corners**, the joint is placed 45° up on the wall and the cutting is finished/started approx. 5 mm from the floor.
Note: Ensure that excess adhesive is removed before welding.
 - At **outer corners**, fold the vinyl flooring towards the corner and cut approx. 5 mm from the floor. The guides in the picture show the corner 'transferred' to the flooring and the location of the cut at a 45° angle. Here, the material is distributed evenly on each side of the corner.
Note: For easier and safer folding and bonding of the triangular fitting piece, a groove is cut on its back with a grooving tool (maximum depth half of the floor thickness).
4. The vinyl flooring must be pulled up against any doorsill.



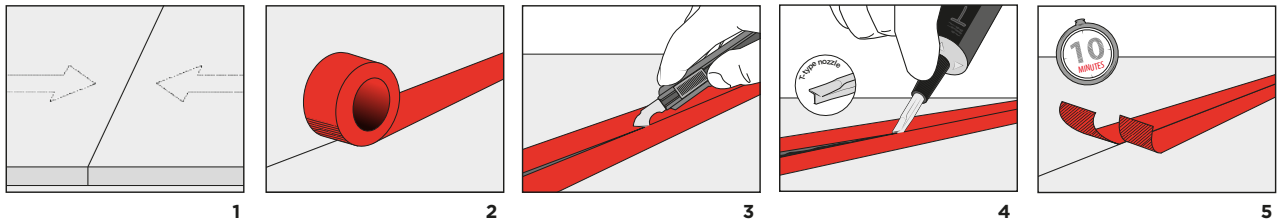
For more detailed information and step-by-step guidance on installing vinyl flooring with coving, [check our video here](#)

5. SEAM WELDING

5.1 Cold welding

Cold welding is used in low-traffic and residential areas and can be started 24 hours after the installation of sheet vinyl flooring.

1. Install edge-to-edge or overlap the edges for wood designs.
2. Apply a low-tack masking tape to the joint.
3. Cut the adhesive tape with a hook blade to open the joint.
4. Insert the T-type nozzle into the joint and inject the cold-welding glue (such as Werner Müller Type A) along its entire length.
5. Allow to dry for about 10 minutes and remove the masking tape.

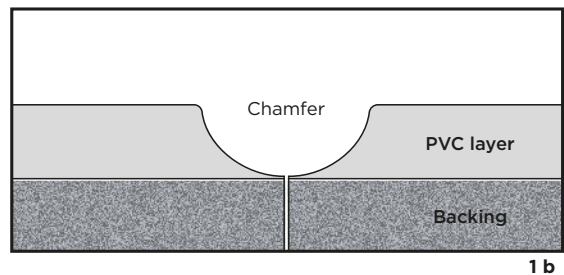
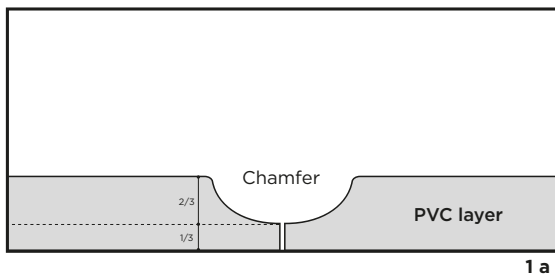


5.2 Hot welding

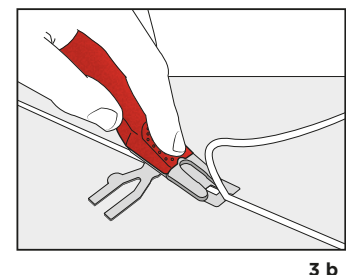
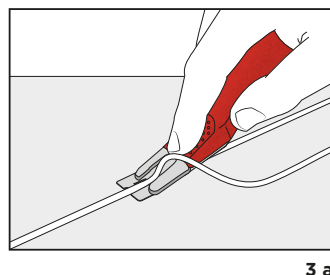
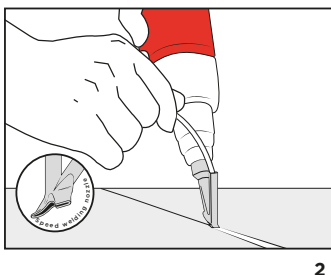
Hot welding is used in high-traffic (commercial) areas, in areas with underfloor heating and/or in areas with regular exposure to splashes and spills. Hot welding can be started earliest 24 hours after the installation of sheet vinyl flooring, to allow the adhesive to dry completely.

1. Chamfer the joint using a manual groover, such as Linéa Ref.: 95101 from Romus / Beetle Ref.: 262 611 900 by Janser or an electric groover.
 - Products without backing: Chamfer to 2/3 depth of the flooring thickness. (1a)
 - Products with foam backing and textile backing: chamfer up to the foam or textile backing. (1b)

Groove blade width: 3.3 - 3.5 mm for using a standard 4 mm welding cable.



2. The seam is welded using a standard hot-welding gun (2) with a special speed weld nozzle and 4 mm welding cable. For larger areas, an automatic welding machine should be used.
3. Trim the bead in two stages using a MOZART knife.
 - The first trim is done using the trimming guide. (3a)
 - Once the weld is completely cool, the final trimming can be done without the trimming guide. (3b)



6. AFTER INSTALLATION

In case the vinyl floor is glued, the curing time of the adhesive must be observed.

This means, **do not use the flooring for the first 24 hours after installation** and respect the following.



First 24 hours:
Keep traffic
to a minimum.



First 72 hours:
Do not replace
heavy objects.

In the case of loose lay and semi-loose lay installation, the vinyl floor can be used immediately after laying.

Protective measures

- Place a suitable doormat/clean-off zone at your entrance(s) large enough to absorb dirt and moisture.
- Do not use rubber leg tips. Place white felt pads under the legs of chairs, tables and other furniture. These pads should be cleaned or replaced regularly.
- Office chairs and all other furniture on castors must be equipped with soft castors (type W) with a plastic cover. The castors should be cleaned regularly and replaced if necessary. Beauflor recommends using a suitable transparent floor protection mat under chairs with castors if suitable castors are not available or in areas with high traffic.

Note: Do not use rubber-backed carpets and mats or other rubber objects as they may permanently stain your floor.

Maintenance

To ensure the longevity and appearance of your floor, it is important to maintain it properly throughout its lifespan.

- Beauflor vinyl flooring can be cleaned quickly with a minimum of effort to keep it in good condition.
- The daily cleaning involves vacuum cleaning/sweeping or wiping with a clean damp mop or cloth.
 - ✓ Do not use vacuum cleaners with 'beater bars'.
 - ✓ Sweep only with a soft broom.
- The floor should be cleaned periodically using a floor machine equipped with a scrubbing brush (we recommend the red pad), by wet vacuuming or dry buffing.

The required maintenance intensity depends on the level of foot traffic. For detailed instructions on how to care for your floor, please refer to our separate [maintenance instructions](#). Available at www.beauflor.com

7. INSTALLATION WASTE

If you installed a product without textile backing, the cut-offs can be collected and recycled free of charge. Contact your local flooring shop where you purchased the floor and ask if they will take back the installation waste through the **Beauflor Relive take back & recycling programme** (free of charge).

8. END OF LIFE

- Use protective equipment to remove the existing flooring:
 - Use a respiratory mask to protect yourself from dust and wear cut-safe work gloves.
- If necessary, clean up and prepare the subfloor for its next covering.
- For disposal of your old floor, see point 'Installation Waste' or bring it directly to your local waste centre.

9. WARRANTY

By following the above-mentioned instructions, the longevity of the Beauflor flooring will be extended and the validity of the warranty ensured. We refer to our warranty conditions for more information. Available at www.beauflor.com



10. LEGAL INFORMATION

This document presents the general installation instructions, based on the latest available information. For the best result, and to ensure the validity of the warranty, these instructions should be followed carefully. This document replaces all previous versions and is valid until further notice. This information is a representation of the technical knowledge at the time that this document was produced/published and may be amended, supplemented or replaced at any time.

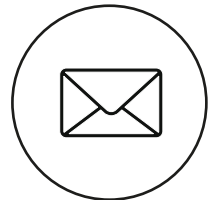
Please check our website frequently for updates: www.beauflor.com



11. CONTACT

In case of issues and for more detailed instructions please contact:

Beauflor Global: aftersales@beauflor.com



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