

# [301] LAYING TECHNIQUES FOR HOMOGENEOUS AND MULTILAYERED ROLLS - COMPACT OR ACOUSTIC



Ambient temperature



Floor temperature

**IN ACCORDANCE WITH LOCAL STANDARDS**

Before laying the flooring, it is a good idea to inspect it and to identify any problems with the appearance. If there are visible defects, please notify Belgotex and wait to hear from them before laying the flooring.

## 1. MATERIAL INSPECTION

- Rolls are clearly marked with batch numbers and the product should be checked for a match before installing
- Inspect all materials carefully to verify that the correct colours, lot number, patterns, quality and quantities have been shipped as ordered. Do not install, cut, or fit any material that has visible defects
- A contractor who installs material that has visible defects or damage without the prior consent of Gerflor deems the product acceptable for installation and therefore accepts full responsibility

**NOTE:** Rolls have directional arrows on the reverse or on the packing paper and should be installed as recommended. Lay the rolls out flat 24 hours prior to installation.

Rolls with imitation decoration (wood, stone effect ....) are delivered without an edge seal effect. It is possible to place them edge to edge (but joined), and in the same direction. In cases where double cuts are required, the last plank is supplied slightly larger

### RECOMMENDATIONS TO PREVENT THE PRESENCE OF MOISTURE OR WATER IN THE UNDERSIDE OF PVC FLOORING:

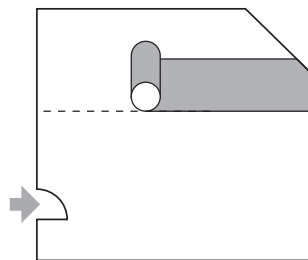
- Measure the moisture content before installing the PVC flooring. Moisture levels must be in accordance with local standards
- Apply a waterproofing barrier (epoxy resin) if necessary
- After gluing, roll the floor in 2 steps (first manually and then with a 50 or 80kg roller)
- We recommend the coving installation in skirting using a V-corner for the outside angles (butterfly angle) and at 45° for the inside angles (Refer to [502] Coving system)
- Caulk the top of the finishing profile in cases where skirting is used
- Chamfer, weld and trim the PVC rolls with a welding rope, the day after gluing (not on the same day) (Refer to [501] Hot welding)
- If you are not using the coving system, caulk the periphery with PU or MS Polymer before installing the skirting
- Caulk around the door frame
- Where there is a PVC floor in the bathroom, we recommend using the shower threshold profile (Ref. 0469 from Gerflor), welded at the junction between the bathroom and the room

## 2. POSITIONING

- As far as possible, and depending on the width of the rolls, seams between strips should be kept away from likely areas of heavy use
- Within rooms, strips should be laid towards the main window wall or in a lengthwise direction

### IMPORTANT:

- *Welding joints:* Leave a space of 1mm between the strips
- *Cold seaming:* Overlap the strips in order to cut edges flush

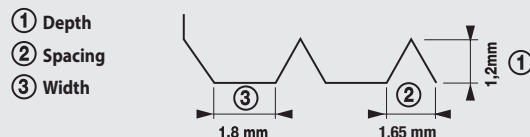


Apply the flooring along the chalk line.

## 3. GLUING AND FITTING

- Glue down 24 hours after positioning
- Using acrylic emulsion adhesive
- Spread using a fine-toothed A2 type spatula (TKB specification)
- Use a notched trowel to give an adhesive coverage of 300-350g/m<sup>2</sup>
- To consistently achieve this distribution, blades should be changed regularly

### A2-type spatula



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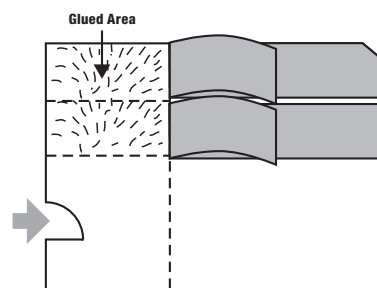
Closely follow the adhesive manufacturer's instructions with particular regard to its waiting time (the interval between application of adhesive and laying of flooring).

Glue coverage and spatulas for application are recommended by Gerflor.

Room temperature and humidity, sub-floor absorption and adhesive coverage are important in order to achieve perfect adhesion.

- Too short a waiting time will cause bubbling to occur
- Too long a waiting time will result in poor transfer of the adhesive to the flooring
- Ensure that the correct amount of adhesive is applied to the sub-floor that corresponds to the number of sheets being installed, so that the adhesive's waiting time is not exceeded.
- Apply adhesive to an area no larger than can be covered within the glue's working time
- Remove any surplus glue spots immediately as work progresses
- Fold back half of the strips

- Spread the adhesive on the floor and lay the material against the chalk line
- Repeat this procedure with the other halves of the strips
- Do not overlap 2 films of glue when applying the adhesive
- Within corridors, strips should be laid in the direction of pedestrian traffic unless otherwise stated in the contract specifications

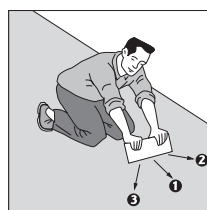


Fold back half of the strips when applying glue to the floor

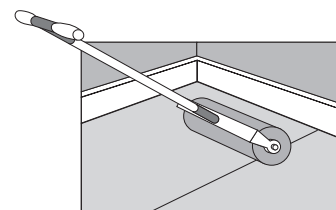
## 4. ROLLING OUT

Rolling out should be done in two stages:

1. Manually, using a cork smoothing press
2. By rolling over the entire surface with a 50kg roller when installation is complete



Stage 1: Pressing down manually



Stage 2: Using a 50kg roller

## 5. TRIMMING THE EDGE

### 5.1 PERIPHERAL TRIMMING BEFORE LAYING A SKIRTING BOARD ALONG A TRANSITION PROFILE, OR OTHER FLOORING (CERAMIC TILES, LINOLEUM, PARQUET WOOD, ...)

We recommend the caulking method\*, which consists of trimming the surface by leaving a space of 3 to 5 mm between the edge of the roll and the wall. Fill this space with a polyurethane sealant or MS polymer.

*\*This method ensures a better seal and prevents the infiltration of washing water, flooding or water from other rooms (e.g. bathrooms with ceramic tiles)*

### 5.2 PERIPHERAL TRIMMING AFTER LAYING SKIRTING BOARDS OR LAYING ALONG AN EXISTING PLINTH

We recommend the method of trimming the coating by providing a space of 1 - 2mm between the edge of the lining and the plinth (skirting). Fill this space with polyurethane or MS polymer

This method ensures better waterproofing on the periphery and prevents the infiltration of washing water, flooding...

### 5.3 USE OF COVING AS A SKIRTING SYSTEM

See [502] Coving system

## 6. WELDING

Heat welding requires a small gap [the thickness of a credit card] to be left between the sheets during the gluing process. Chemical welding (SG 916) requires perfectly straight edges. Employ an overlap cutting method during the gluing process. See Welding techniques

## 7. PUTTING INTO SERVICE - ALLOWING TRAFFIC

After installation:

- For normal pedestrian traffic, allow 48 hours
- Before moving or installing furniture, allow 72 hours



For under-floor heating, do not turn on the heating for 7 days after installing the tiles

## 8. FURNITURE

- Ensure that the ends of chair and table legs, casters etc. are suitable for flexible flooring (PVC, Linoleum)
- We recommend using flat, patternless tips, with a full surface contact on the coating (avoid the use of conical tips)
- Do not use rubber end caps
- Ensure that office chairs are equipped with type H casters, in accordance with EN 12529