

This installation document refers to the following products:

Product	Size	Thickness	Installation direction
Creation Dry Back	See product TDS	2 mm	Same
SmartFix Underlayment	3' 3" x 24' 7"	2 mm	90° from planks

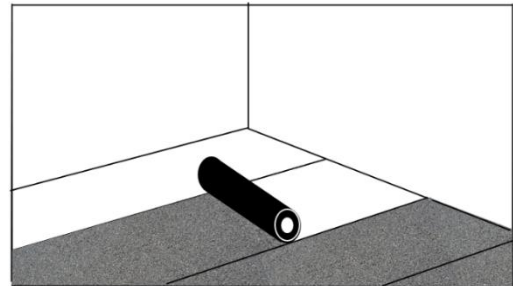
Important Note: Before installing, refer to Gerflor Installation Handbook for acclimation, job site conditions, subfloor prep, and other general installation recommendations.

1. GENERAL INFORMATION

- 1.1. Gerflor flooring products are formulated to withstand high moisture conditions. To perform as designed, the concrete should be properly prepared to create a contaminate-free and porous substrate.
- 1.2. Gerflor flooring products are not designed to withstand hydrostatic or osmotic pressure.
- 1.3. ***The guidelines offered within this document are not intended to be all inclusive. Only qualified, professional flooring technicians experienced in the field of resilient flooring should proceed with this installation system.***
- 1.4. It is recommended to mechanically prepare the concrete via grinding or bead blasting the surface to achieve a CSP 1+, clean and porous substrate.
- 1.5. Moisture and pH testing must be performed in accordance with ASTM F710-22.
- 1.6. Adhesive bond tests are recommended to ensure adequate bonding to the substrate.
- 1.7. Do not install material that has visible defects or damage. A contractor that installs material that has visible defects or damage assumes responsibility for that material.

2. INSTALLATION OF THE SMART FIX UNDERLAYMENT

- 2.1. Smart Fix Underlayment has one side pre-adhered and the other side without any adhesive.
- 2.2. The side without adhesive will face the subfloor and must be glued down.
- 2.3. A gap of ¼" minimum must be left on the perimeter of the walls.
- 2.4. Use Gerfix TPS+ adhesive to adhere the Smart Fix Underlayment to the subfloor.



- 2.5. Make sure that the seams are butted tight and that there are no gaps at the seams.

- 2.6. Head seams must be cut in a serpentine pattern to avoid aligning these seams right under a seam between planks.




- 2.7. Once the underlayment is applied into the adhesive, use a 100-lbs sectional roller for proper adhesion.

2.8. Always roll seams, at the walls, and under toe kicks with a hand roller to ensure 100% transfer of adhesive.

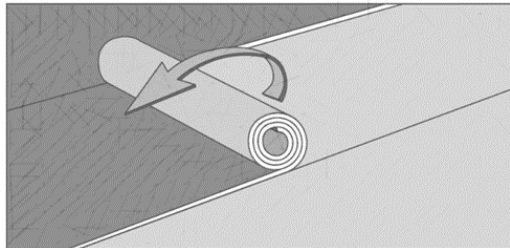
3. INSTALLING SMARTFIX USING GERFIX TPS+ ACRYLIC ADHESIVE

3.1. Always refer to the **GERFIX TPS+ ADHESIVE TECHNICAL DATA SHEET**

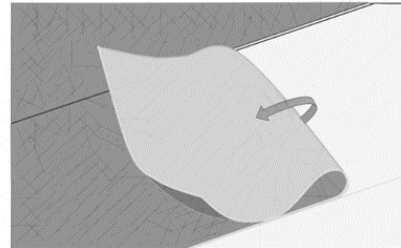
3.2. Recommended trowel size is 1/32" x 1/16" x 1/32", covering from 170 to 220 sq. ft. per US gallon. 

3.3. Starting from the center line and working outward, fold back or roll back the smart fix (width) halfway and apply the adhesive to the subfloor.

Roll back method



Fold back method



3.4. Never pre-cut material to final trim until it is placed into the adhesive. Leave material 2"-3" longer for trimming after placement.

3.5. To ensure uniform adhesion of the entire surface, apply a workable amount of adhesive at one time.

3.6. Maintain a uniform spread rate. Replace trowel (or trowel blade) with every pail used.

3.7. Immediately after troweling the adhesive onto the substrate use a medium napped paint roller saturated with adhesive to flatten out visible trowel marks and even out the adhesive. **A double arm roller frame is recommended to ensure an even coat of adhesive.**

3.8. Once the adhesive is applied, fold back or roll back the flooring into the still wet adhesive for 4"-6". This will ease the foldback or roll back of the second half and it will help avoid an overlap of the glue-line. **Should this method not be followed, the glue-line mark may telegraph through the flooring.**

3.9. "Open time" of the adhesive is dependent upon porosity of the substrate, temperature, and humidity. It is important that the installers familiarize themselves with the adhesive before starting the installations.

Application Characteristics over Porous Substrates (Non-Porous-see note below)		
	Open Time*	Working Time**
Gerflor LVT over Smart Fix Underlayment	20 to 40 minutes (to reach a tacky state***)	Up to 1.5 hours

* **Open Time:** is the waiting time required before installing flooring.

** **Working time:** is the window of time for the adhesive to accept flooring.

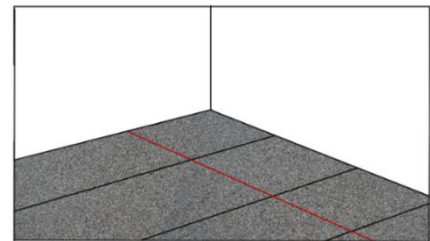
*** **Tacky:** When adhesive starts to become translucent and there is light transfer to the fingers when slightly touched

Note: For *Non-Porous* substrates such as existing flooring or metal, let the adhesive dry completely, with no transfer to the fingers when touched, then immediately install the flooring, and roll with a 100lb. roller.

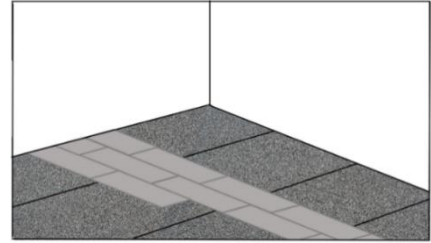
- 3.10. When installing, always work to have complete sheets glued at the end of the day.
- 3.11. To reduce the risk of bubbles, the roll back method is the most recommended method of installation.
- 3.12. By keeping the roll tight and maintaining constant pressure while unrolling into the adhesive, the risk for bubbles will be minimal.
- 3.13. The fold back method is acceptable, but care must be taken to not unfold it back too quickly.
- 3.14. Once the smart fix is placed into the adhesive, immediately roll thoroughly with a 3 section 100-lbs roller in both directions.
- 3.15. Always roll seams, at the walls, and under toe kicks with a hand roller to ensure 100% transfer of adhesive.
- 3.16. Continue laying sheets ensuring the seams are butted tight and that there are no gaps.
- 3.17. During the installation, with the lights on and off, always double check the flooring for bubbles with portable, ambient, and/or fixed lighting.
- 3.18. Avoid adhesive displacement by prohibiting traffic for a period of 24 hours and 72 hours for rolling loads.

4. INSTALLATION OF PLANKS

- 4.1. Boxes are clearly marked with batch numbers and the product should be checked for match before installing.
- 4.2. Inspect all materials carefully to verify that correct colors, lot number, patterns, quality, and quantities have been shipped as ordered. Do not install, cut, or fit any material that has visible defects.
- 4.3. **A contractor that installs material that has visible defects or damage without prior consent of Gerflor deems the product acceptable for installation and therefore accepts full responsibility for said material.**
- 4.4. Before marking the center line, peel the scrim of self-adhered underlayment a few inches along the line to be marked.
- 4.5. Chalk the starting line so it is parallel to the length of the room.
- 4.6. Position center lines to allow the perimeter planks to be \geq to $\frac{1}{2}$ plank.
- 4.7. Mix planks from different boxes to obtain a consistent layout.
- 4.8. Be certain the planks are installed right on the center lines.



- 4.9. Peel the scrim off the SmartFix to reveal the sticky part of the underlayment
- 4.10. After the first row of planks are in place, begin laying planks outward.
- 4.11. Press planks firmly against adjoining planks and press into the adhesive.
- 4.12. A gap of ¼" minimum must be left on the perimeter of the walls.
- 4.13. Keep peeling the scrim as the planks are installed.
- 4.14. Begin stair-stepping the planks into the field area.
- 4.15. Once complete, roll with a 100 lb. roller to ensure proper bonding.



5. ONCE THE INSTALLATION IS COMPLETED

- 5.1. Perform a visual inspection of the project.
- 5.2. Verify every welded seam.
- 5.3. Repair every imperfection before leaving the project.
- 5.4. Make sure that every vertical obstacle such as doorframes are well trimmed and sealed with an acrylic, silicone, or equivalent sealant product.
- 5.5. To maximize the aesthetic appearance and serviceability of the newly installed flooring, provide your customer with a copy of the **Gerflor Maintenance Instructions**.