

INSTALLATION INSTRUCTIONS

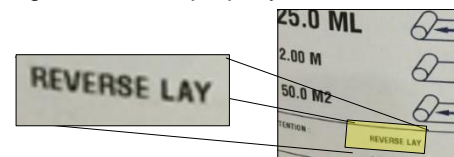
HOMOGENEOUS & HETEROGENEOUS PVC PRODUCTS

These instructions are specifically written for the installation of the following products:

Product	Width Ft.	Thickness	Installation direction	Seam treatment
Taralay Premium Compact / Comfort	Approximately 6' 6"	2 & 3 mm	Same	CR 40
Taralay Impression	Approximately 6' 6"	2 & 3 mm	See label on roll	CR 40
Mipolam Affinity	Approximately 6' 6"	2 mm	Same	CR 40
Mipolam Classic 2.0	Approximately 6' 6"	2 mm	Same	CR 40
Mipolam Symbioz ¹	Approximately 6' 6"	2 mm	Same	BBR 40
Mipolam Planet	Approximately 6' 6"	2 mm	Same	CR 40
Mipolam Biocontrol	Approximately 6' 6"	2 mm	Same	CR 40
Tarasafe	Approximately 6' 6"	2 mm	Same	CR 40
CR 40 Welding Rod		4 mm		CR 40
CR 40 Welding Rod		4 mm	Symbioz ¹	BBR 40

¹ Symbioz requires Bio-based weld rod only. Regular PVC welding rod will not properly fuse to Mipolam Symbioz.

Note: Check label on roll for installation direction when installing Taralay Impression products (Not all reverse lay)



Important Note: Before installing, refer to Gerflor Installation Handbook for acclimation, job site conditions, subfloorprep, 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 F710-17.
- 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. LAYOUT AND INSTALLATION


- 2.1. Mark the center starting line.
- 2.2. Follow roll sequence numbers.
- 2.3. Unroll the first length of material along this chalk line and then work progressively outward, leaving a 1/4" gap between the sheets and allow the material to relax for a minimum of 16 hours.
- 2.4. Seaming should be kept to a minimum and avoid cross seams as much as possible. Place seams in areas exposed to the least amount of traffic.
- 2.5. For proper welding, reposition sheets to a gap not greater than 1/32" gap between them. ***Wider***

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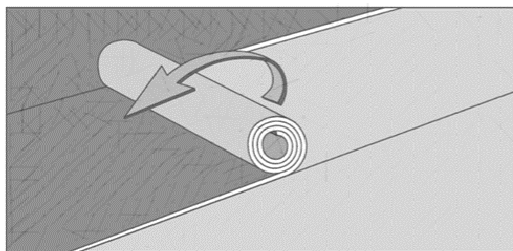
gaps will compromise the integrity of the weld.

- 2.6. In most cases, factory edges can be used for side seams. Sheets that may have minor edge damage or distortion must be trimmed and removed prior to installation of the sheets.
- 2.7. Leave material 4"-6" longer on each end for trimming after placement. *Do not net cut material to the final trim until being placed into the adhesive.*
- 2.8. Before applying the adhesive, ensure gap between the sheets is uniform 1/32" and no greater than 1/32" along the entire length. Overlap edges and under scribe, if necessary, to achieve consistent seam gap. This gap will act as a guide for the groover when preparing to heat weld.

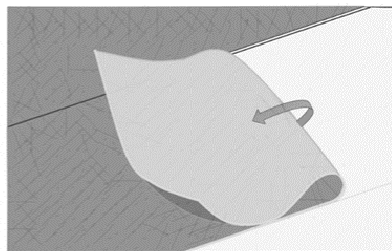
3. INSTALLING USING GERFIX TPS+ ACRYLIC ADHESIVE

- 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 sheets (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 fold-back 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 Homogeneous & Heterogeneous Floorings	20 to 40 minutes (to reach a tacky state***)	Up to 1.5 hours

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

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** **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 metal or existing flooring, 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. Periodically, lift the edge of a sheet to confirm transfer of adhesive to the back of the flooring. There must be adhesive transfer for the flooring to be adequately secured to the substrate.
- 3.15. Once flooring is placed into the adhesive, immediately roll thoroughly with a 3 section 100-lbs roller in both directions.
- 3.16. Always roll seams, at the walls, and under toe kicks with a hand roller to ensure 100% transfer of adhesive.
- 3.17. Continue laying sheets by keeping the edges spaced no greater than 1/32", trimming each side with a straight edge or scribing when needed. The goal is to produce a uniform 1/32" spaced seam for welding.
- 3.18. The width of the gap must be even and may be less than 1/32" depending on the guide of the groover used.
- 3.19. During the installation, with the lights on and off, always double check the flooring for bubbles with portable, ambient, and/or fixed lighting.
- 3.20. Heat welding can proceed after 24 hours from time of installation
- 3.21. **Avoid adhesive displacement by prohibiting traffic for a period of 24 hours and 72 hours for rolling loads.**


NOTE: For sheet vinyl installations it is recommended to back roll troweled adhesive with an adhesive saturated 1/4" nap paint roller.

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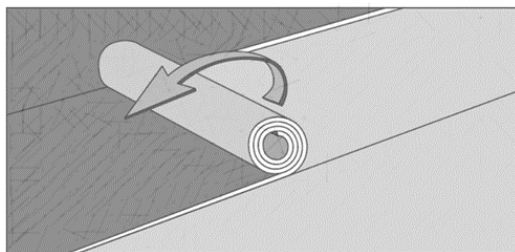
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4. INSTALLING USING GERFIX 196 HYBRID MULTI-PURPOSE ADHESIVE

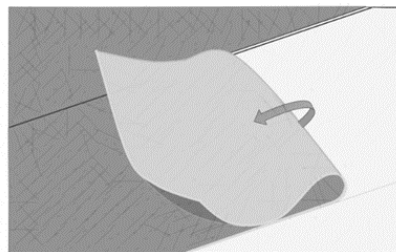
- **GERFIX 196 IS CHEMICALLY REACTIVE. ONCE MIXED, THE POT LIFE IN THE BUCKET IS 2 HOURS; AFTER SUCH TIME, DISCARD ANY REMAINING ADHESIVE**
- **Trowel the adhesive onto the substrate using a 1/32" x 1/16" x 1/32" U notched trowel. Coverage of 425 – 550 sq. ft. per Pail.**
- **It is imperative to use the proper trowel as well as maintaining the proper notch size over the course of the entire floor.**
- **Prepare concrete per ASTM F-710. Concrete should be mechanically prepared to a CSP 1+ to ensure a porous and contaminate free substrate.**
- **Inadequate application of adhesive will void the warranty.**
- **Use mineral spirits to remove wet or dry adhesive.**

- 4.1. Always refer to the **Gerfix 196 Adhesive Technical Data Sheet**.
- 4.2. Follow the guidelines indicated on the Technical Data Sheet.
- 4.3. Recommended trowel size is 1/32" x 1/16" x 1/32", covering from 170 to 220 sq. ft. per US gallon. 
- 4.4. Mix 2-part acrylic adhesive part A and part B for 2 to 3 minutes and is a consistent color.
- 4.5. Starting from the center line and working outward, fold back or roll back the sheets (width) halfway and apply the adhesive to the subfloor.

Roll back method



Fold back method



- 4.6. To ensure uniform adhesion of the entire surface, apply a workable amount of adhesive at one time.
- 4.7. Maintain a uniform spread rate. Replace trowel (or trowel blade) with every pail used.
- 4.8. Immediately after troweling the adhesive onto the concrete 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.
- 4.9. "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 installation. Insufficient open time for this adhesive will cause bubbling. Exceeding proper open time will result in poor adhesion.

Application Characteristics over Porous Substrates (Non-Porous – see note below)		
	Open Time*	Working Time**
Gerflor Homogeneous & Heterogeneous Floorings	20 to 30 minutes (to reach a tacky state***)	1 to 3 hours

* **Open Time:** is the wait time required before installing flooring into the adhesive.

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

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

NOTE: For ***Non-Porous*** substrates such as metal, existing floorings, etc., allow the adhesive to transition from the wet stage to a tacky-dry stage (no transfer to fingers, when lightly touched) then immediately install the flooring and roll with a 100lb. roller.

- 4.10. Maintain a uniform spread rate. Replace trowel (or trowel blade) with every pail used.
 - 4.11. When installing, always work to have complete sheets glued at the end of the day.
 - 4.12. To reduce the risk of bubbles, the roll back method is the most recommended method of installation.
 - 4.13. By keeping the roll tight and maintaining constant pressure while unrolling into the adhesive, the risk for bubbles will be minimal.
 - 4.14. The fold back method is acceptable, but care must be taken to not unfold it back too quickly.
 - 4.15. Once flooring is placed into the adhesive, immediately roll thoroughly with a 3 section 100-lbs steel roller in both directions.
 - 4.16. Always roll seams, at the walls, and under toe kicks with a hand roller to ensure 100% transfer of adhesive.
 - 4.17. Care must be taken to avoid flopping the sheets into the adhesive as this may cause air to become entrapped
 - 4.18. Keep on installing sheets by keeping the edges spaced 1/32”, trimming each side with a straight edge or scribing. The goal is to produce a uniform 1/32” spaced seam for welding.
 - 4.19. Using a 100-lbs sectional steel roller, roll the flooring in the width first and then the length to ensure adhesive transfer and to evacuate all air that can lead to bubbles. Optimally there should be an individual tasked solely with this responsibility
 - 4.20. Continually check the flooring for bubbles. To verify there are no bubbles, look down and across the flooring from both a standing and prone position with the lights on and off. The use of a light source at floor level can be helpful in finding any air pockets or bubbles.
 - 4.21. Heat welding can proceed after **24 hours from time of installation**
 - 4.22. **No heavy foot traffic for 6-12 hours after installation, no heavy rolling loads for 24 hours and no heavy point loads for 72 hours.**
 - 4.23. Use mineral spirits to remove fresh or dried adhesive from the surface of the flooring
 - 4.24. Following the above steps is of the utmost importance for a successful installation that will resist high moisture levels and be serviceable over the life of the floor
- 5. HEAT WELDING - REFER TO THE “HEAT WELDING GERFLOR VINYL PRODUCTS” DOCUMENT**

6. FLASHCOVING GERFLOR SHEET VINYL PRODUCTS

NOTE: Gerflor does **not** recommend flash coving Comfort backing (3mm thick flooring).

NOTE: For best results with flash coving, the walls should have a spacing no greater than ½ “from the subfloor. Ensure all surfaces are sound, smooth, and free of contaminants.

- 6.1. Metal cove cap is preferred to vinyl cap.
- 6.2. Miter all corners cleanly. Outside corners should be cut and shaped from a solid piece of

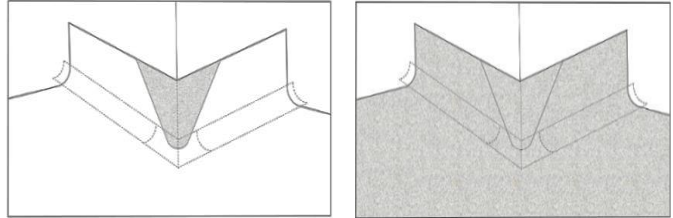
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aluminum cap.

- 6.3. Affix coves stick securely to the floor and wall. Contact tape, staples, and contact cement are commonly used for this.

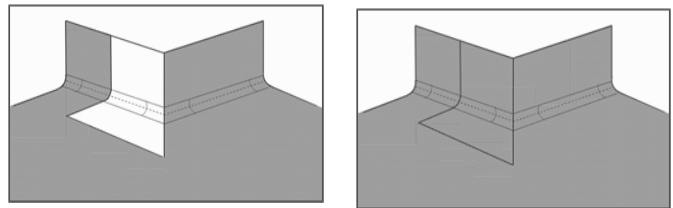
- 6.4. The flooring material can be either pattern scribed or cut in by hand.



- 6.5. Outside corners can be formed using the “butterfly” method.

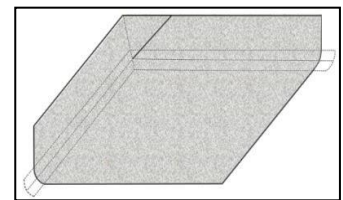
- 6.6. While installing the outside corners, it may be necessary to heat in order to shape the material.

- 6.7. Always install the outside corner piece first.



- 6.8. The “boot” outside corner method is also acceptable along with border coving, or picture framing to create accent borders.

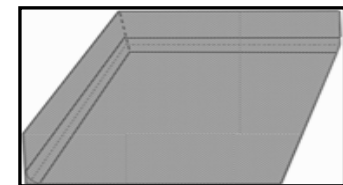
- 6.9. Inside corners can be cut at a 45° angle on the wall or with a 90° vertical seam in the corner



- 6.10. Corners and straight walls are adhered with TPS+, contact tape, contact cement, or other suitable acrylic pressure sensitive adhesive.

- 6.11. On porous walls, it will often be necessary to apply two coats.


- 6.12. Coat wall entirely, overlapping past the cove stick and onto the substrate approximately 1”-2”.



- 6.13. **All vertical, inside corner, and outside corner seams must be heat welded.**

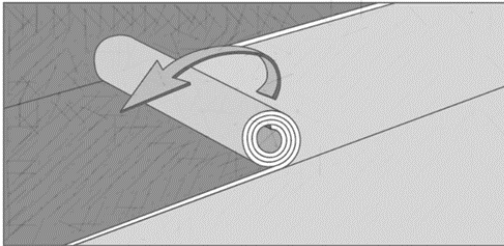
7. INSTALLING USING GERFLOR T-111 2-PART PU ADHESIVE

Note: T-111 is recommended to be used for areas subjected to excessive topical water and heavy rolling loads. Do not allow any traffic for 16 hours after the installation for adhesive to cure.

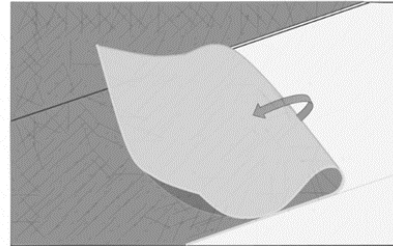
- 7.1. Always refer to the **Gerflor T-111 Polyurethane Adhesive Technical Data Sheet**.
- 7.2. The recommended trowel size is 1/32” x 1/16” x 1/32” ‘U’ notch,  covering 170 – 220 sq. ft. per US gallon.
- 7.3. Mix polyurethane adhesive part A and part B as recommended by the adhesive manufacturer.
- 7.4. Installers must be familiar with the use of polyurethane adhesives.
- 7.5. Starting from the center line and working outward, fold the sheets back halfway and apply the adhesive to the subfloor.
- 7.6. Installer may also use the “roll back” method. With the roll back method, do not pre-cut material as if to be the final trim. Leave material 2”-3” longer for trimming after placement

Note: Fold back and roll back methods are preferred to the fold lengthwise method. Some areas will dictate the fold lengthwise method.

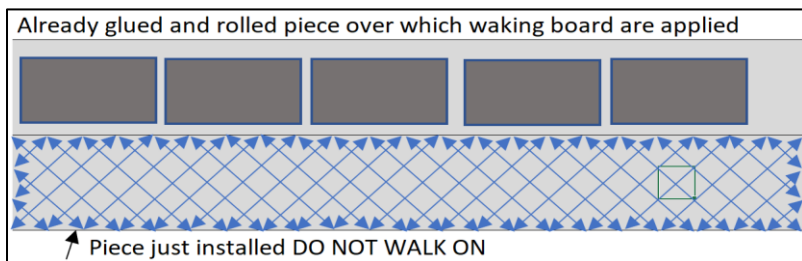
Rollback method



Fold back method



- 7.7. To ensure uniform adhesion of the entire surface, only spread a workable amount of adhesive at one time. Maintain a uniform spread rate. Replace trowel (or trowel blade) with every pail used.
- 7.8. **There is no 'open time' needed with this type of adhesive, the flooring must be applied into the wet adhesive within 40 minutes.**
- 7.9. While installing, always work to have complete sheets glued at the end of the day.
- 7.10. To reduce the risk of bubbles, the roll back method is the most recommended.
- 7.11. By keeping the roll tight and maintaining a constant pressure while unrolling into the adhesive, the risk for bubbles will be minimal.
- 7.12. The fold back method is acceptable, but care must be taken to not flap it back too quickly.
- 7.13. Always roll seams, at the walls, and under toe kicks with a hand roller to ensure 100% transfer of adhesive.
- 7.14. Do not stand, kneel, or walk on the sheet vinyl flooring. The use of kneeling board and walking board is mandatory to eliminate adhesive displacement.
- 7.15. Adhesive transfer must be **100% wet transfer** to the backing of the flooring. Trowel ridge marks should not be visible on the back of the flooring or on the subfloor. Use weights if needed for end seams or perimeters. If the adhesive skins over or dries it must be scraped up and new adhesive applied.
- 7.16. Care must be taken to avoid flopping the sheets into the adhesive as this may cause air to become entrapped
- 7.17. Continue laying sheets by keeping the edges spaced no greater than 1/32", trimming each side with a straight edge or scribing. The goal is to produce a uniformly 1/32" spaced seam for welding.
- 7.18. Using a 100-lbs sectional steel roller, roll the flooring in the width first and then the length to ensure adhesive transfer and to evacuate all air that can lead to bubbles. Optimally there should be an individual tasked solely with this responsibility
- 7.19. Continually check the flooring for bubbles. To verify there are no bubbles, look down and across the flooring from both a standing and prone position with the lights on and off. The use of a light source at floor level can be helpful in finding any air pockets or bubbles.
- 7.20. **Avoid adhesive displacement by prohibiting ALL traffic for a period of 16 hours and 36 hours for rolling loads.**
- 7.21. **The use of walking 4' x 8' x 1/4" Masonite boards and kneeling boards are mandatory to protect from adhesive displacement during installation.**



NOTE: Gerflor T-111 two-part polyurethane adhesive is recommended when installing precut waterjet designs, (where the flooring will not be heat welded). T-111 should also be used around floor drains, or when terminating to a non-weldable floor such as VCT, LVT, rubber, or linoleum. Apply a 4–6-inch band at the edge of the sheet flooring to create a watertight seam and to eliminate any slight shrinkage that may occur over time from plasticizer loss.



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NOTE: All existing flooring should be removed, and the subfloor properly prepared under patient beds in healthcare settings and other heavy traffic areas. Failure to do so could result in damage to the flooring, indentations, and bond failure. All responsibility rests with the installer if the decision is made to proceed.

8. HEAT WELDING - REFER TO THE "HEAT WELDING GERFLOR VINYL PRODUCTS" DOCUMENT

9. ONCE THE INSTALLATION IS COMPLETED

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