



# INSTALLATION INSTRUCTIONS

## TARAFLEX® SPORT M PLUS COMFORT

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

Product	Width	Thickness	Installation direction	Seam treatment
Taraflex Sport M Plus	Approximately 4' 11"	7mm	Same	Heat Welded
Gerflor Red Foam	Approximately 4'11"	5mm	Same	Net Fit
Gerfix 196 Adhesive				

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

### 1. GENERAL INFORMATION

- 1.1. Gerflor Taraflex 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 Taraflex 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. **Gerfix 196 Hybrid multi-use adhesive (98% RH) is the only approved adhesive for this system.**
- 1.8. Do not install material that has visible defects or damage. A contractor that installs material that has visible defects or damage assumes responsibility for the damaged material.

### 2. INSTALLATION OF 5MM SPORT M COMFORT UNDERLAYMENT

**NOTE:** Use Nitrile gloves to avoid electrostatic discharges.

- 2.1. Comfort foam must be allowed to acclimate and properly relax overnight prior to installation.
- 2.2. While the seams of the Sport M will start from the center of the court, the underlayment should be run the same direction, and seams must be staggered by 2' 6" from those of the Sport M.
- 2.3. **Gerfix 196 Hybrid multi-use adhesive (98% RH) is the only approved adhesive for this system.**
- 2.4. Follow the guidelines indicated on the Technical Data Sheet for the selected adhesive.
- 2.5. Starting from the center line and working outward, fold back the sheets (width) halfway and spread the adhesive.

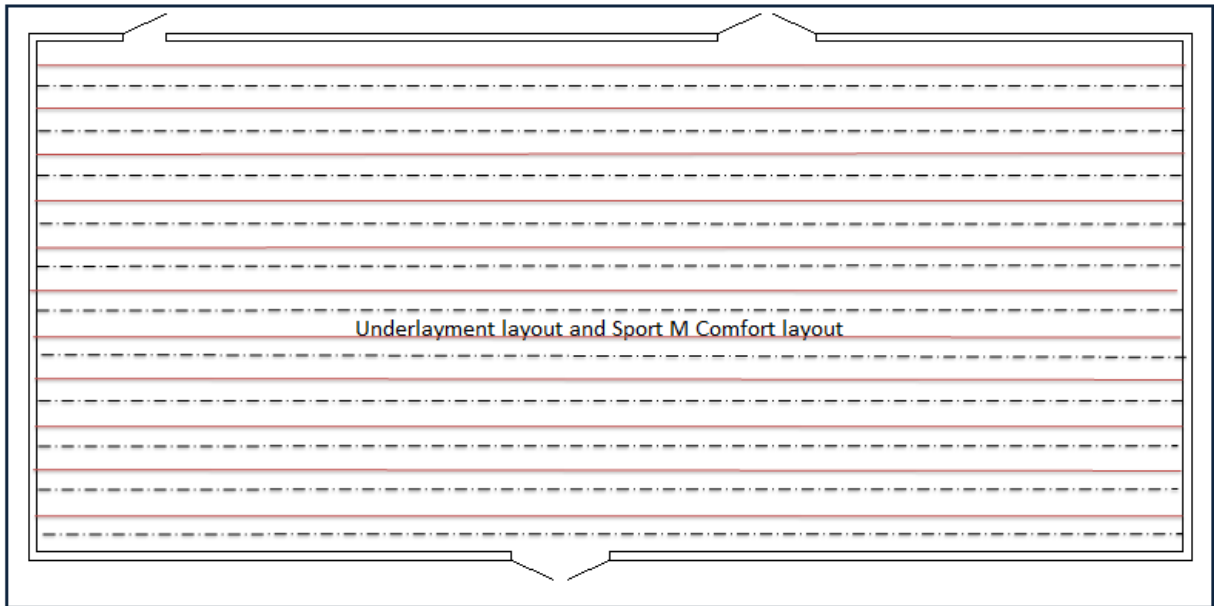
- 2.6. Maintain a uniform spread rate. Replace trowel (or trowel blade) with every pail used.
- 2.7. Immediately after troweling the adhesive, use a medium napped paint roller saturated with adhesive to flatten out visible trowel marks and even out the adhesive. A double arm roller frame is recommended to ensure an even coat of adhesive.
- 2.8. **Let the adhesive tack-up completely before installing the red foam.**

**CAUTION: This adhesive has a very strong tack. Position the foam at the exact right place while installing into the adhesive.**

- 2.9. Do not stretch the underlayment while installing.
- 2.10. Use a push broom sideways of the roll to press the foam into the tacky adhesive.
- 2.11. Then roll with a 100 lb. roller immediately after installation.
- 2.12. Continue installing the underlayment ensuring that the seams are well closed and tight.

### 3. LAYOUT OF TARAFLEX OVER THE RED FOAM

**NOTE: Taraflex is recommended to be installed with *random* side seams. Due to slight stretching from being rolled, we do not guarantee a perfect side or end pattern match if attempted.**



**NOTE:** These layouts are not to scale and do not account for any head seams that will be part of a real installation.

- Dotted lines show the seams of the underlayment.
  - Red lines are showing the seams of the Sport M Comfort
- 3.1. Mark the center starting line.
  - 3.2. Follow roll sequence numbers.


- 3.3. 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 at least 16-24 hours.
- 3.4. Seaming should be kept to a minimum and avoid cross seams as much as possible. Place seams in locations where game lines go if possible.

#### **4. INSTALLING TARAFLEX SHEETGOODS**

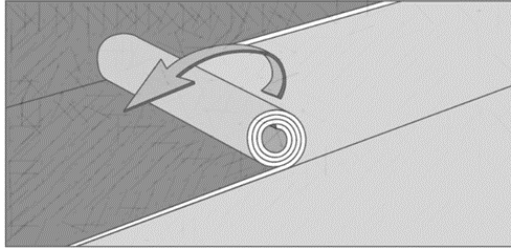
- 4.1. Reposition sheets to allow for no more than a 1/32" gap between them to allow for proper heat welding. **Wider gaps will compromise the integrity of the weld.**
- 4.2. In most cases, factory edges can be used for side seams. Sheets that may have minor edge damage or distortion must be trimmed and removed prior to installation of the sheets.
- 4.3. Leave material 4"-6" longer on each end for trimming after placement. *Do not net cut material to the final trim until the application of the adhesive.*
- 4.4. Before applying the adhesive, ensure gap between the sheets to a uniform 1/32" along the entire length. Overlap edges and trace cut if necessary, to achieve consistent seam gap. This gap will act as a guide for the groover when preparing to heat weld.

#### **5. INSTALLING USING GERFIX 196 HYBRID MULTI-PURPOSE ADHESIVE**

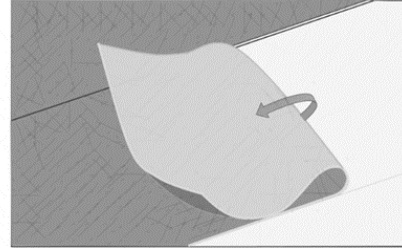
- **GERFIX 196 IS CHEMICALLY REACTIVE. ONCE MIXED, THE POT LIFE IN THE BUCKET IS 2 HOURS; AFTER SUCH TIME, DISCARD ANY REMAINING ADHESIVE**
- **Trowel the adhesive onto the substrate using a 1/32" x 1/16" x 1/32" U notched trowel. Coverage of 425 – 550 sq. ft. per Pail.**
- **It is imperative to use the proper trowel as well as maintaining the proper notch size over the course of the entire floor.**
- **Prepare concrete per ASTM F710. 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.**

- 5.1. Always refer to the **Gerfix 196 Adhesive Technical Datasheet**.
- 5.2. Follow the guidelines indicated on the Technical Data Sheet.
- 5.3. Recommended trowel size is 1/32" x 1/16" x 1/32", covering from 170  to 220 sq. ft. per US gallon.
- 5.4. Mix 2-part acrylic adhesive part A and part B for 2 to 3 minutes and is a consistent color.
- 5.5. 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**



- 5.6. To ensure uniform adhesion of the entire surface, apply a workable amount of adhesive at one time.
- 5.7. Maintain a uniform spread rate. Replace trowel (or trowel blade) with every pail used.
- 5.8. 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.
- 5.9. “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.

<b><i>Application Characteristics over Porous Substrates (Non-Porous – see note below)</i></b>		
	<b><i>Open Time*</i></b>	<b><i>Working Time**</i></b>
Gerflor Sport 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.

\*\* **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 100 lb. roller.

- 5.10. Maintain a uniform spread rate. Replace trowel (or trowel blade) with every pail used.
- 5.11. When installing, always work to have complete sheets glued at the end of the day.
- 5.12. To reduce the risk of bubbles, the roll back method is the most recommended method of installation.
- 5.13. By keeping the roll tight and maintaining constant pressure while unrolling into the adhesive, the risk for bubbles will be minimal.
- 5.14. The fold back method is acceptable, but care must be taken to not unfold it back too quickly.



## **INSTALLATION INSTRUCTIONS**

### **TARAFLEX® SPORT M PLUS COMFORT**

- 5.15. Once flooring is placed into the adhesive, immediately roll thoroughly with a 3 section 100 lbs. steel roller in both directions.
  - 5.16. Always roll seams, at the walls, and under toe kicks with a hand roller to ensure 100% transfer of adhesive.
  - 5.17. Care must be taken to avoid flopping the sheets into the adhesive as this may cause air to become entrapped
  - 5.18. 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.
  - 5.19. 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
  - 5.20. 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.
  - 5.21. Heat welding can proceed after **24 hours from time of installation**
  - 5.22. **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.**
  - 5.23. Use mineral spirits to remove fresh or dried adhesive from the surface of the flooring
  - 5.24. 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.
- 6. HEAT WELDING - REFER TO THE "HEAT WELDING GERFLOR VINYL PRODUCTS" DOCUMENT**
- 7. GAME LINE PAINTING -REFER TO "GAMELINE PAINTING INSTRUCTIONS" DOCUMENT**
- 8. ONCE THE INSTALLATION IS COMPLETED**
- 8.1. Clean the area to verify there are no imperfections, adhesive residue, scuff marks, etc. Verify every welded seam.
  - 8.2. Make sure that the vinyl is well trimmed and sealed with a silicone sealer (or equivalent) around all fixed, vertical objects (e.g. doorways, posts, etc.).
  - 8.3. To maximize the aesthetic appearance and serviceability of the newly installed flooring, provide your customer with a copy of the **Gerflor USA Maintenance Instructions:**