



# INSTALLATION INSTRUCTIONS

## SV BleacherBlok System

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

Product	Size	Thickness	Installation direction	Seams Welded
Taraflex Surface	Approximately. 4' 11"	2.1 mm	Same	CR 50
Sports Vinyl Underlayment 5 mm	48" x 60"	5.25 mm	Stippled side down	None
Recreation Surface	Approximately. 4' 11"	2.1 mm	Same	CR 50
Sports Vinyl Underlayment 4 mm	48" x 60"	4 mm	Stippled side down	none
Welding Rod		5 mm		CR 50

**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 products are formulated to withstand high moisture conditions. To perform as designed, the concrete should be properly prepared to create a contaminant free and porous substrate.
- 1.2. Gerflor 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. USAGE

- 2.1. SV BleacherBlok System is designed for use with bleachers up to 750 P.S.I. per ASTM F-970
- 2.2. SV Bleacherblok System can be used in conjunction with the following products.
  - 2.2.1. Taraflex Sport M Plus 7.5 mm: Vinyl BB - 5 mm + Taraflex Surface Vinyl
  - 2.2.2. Taraflex 6.2 MU: Vinyl BB - 4 mm + Taraflex Surface Vinyl
  - 2.2.3. Recreation 60: Vinyl BB - 4 mm + Recreation Surface Vinyl

### 3. LAYOUT OF VINYL UNDERLAYMENT

#### **IMPORTANT: INSTALL THE SPORT VINYL UNDERLAYMENT STIPPLED SIDE FACE DOWN**


- 3.1. Acclimate Sports Vinyl Underlayment in area to be installed for a minimum of 24 hours
- 3.2. Mark, the centre starting line and a 90° line.
- 3.3. Trace a second line at 2'6" from the other one so the pieces can be staggered.

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- 3.4. Start installing at the intersection of those 2 lines.
- 3.5. Make sure that the seams of the Sports Vinyl Underlayment and the seams of the surface are not on top of each other.
- 3.6. Since the BleacherBlok System requires the use of a 2-part polyurethane adhesive, we recommend installing the Sports Vinyl Underlayment first, then the sport flooring in the playing area and finally the Surface on the Sports Vinyl Underlayment to match the planks alignment as much as possible.
- 3.7. Treat the seams between the BleacherBlok System and the sport flooring the same as regular seams to be heat welded.

#### 4. INSTALLING VINYL UNDERLAYMENT USING GERFIX 100 ADHESIVE

- 4.1. **Use only Gerfix 100 adhesive.**
- 4.2. Always refer to the Gerfix 100 Adhesive Technical Data Sheet
- 4.3. The recommended trowel size is 1/32" x 1/16" x 1/32" 'U' notch, covering up 170 -220 sq. ft. per US gallon. 
- 4.4. Starting from the centre line and working outward and apply the adhesive to the subfloor.
- 4.5. To ensure uniform adhesion of the entire surface, only spread a workable amount of adhesive at once.
- 4.6. Maintain a uniform spread rate. Replace trowel (or trowel blade) with every pail used.

<b>Application Characteristics over Porous Substrates "ONLY"</b>		
	<b>Open Time*</b>	<b>Working Time**</b>
Gerflor Taraflex Products	No Open Time	Up to 45 minutes

- 4.7. Once the Sports Vinyl Underlayment is placed into the adhesive, immediately roll thoroughly with a 3 section 100 lbs roller in both directions.
- 4.8. The **use of kneeling boards is mandatory** when on top of the freshly installed underlayment
- 4.9. Adhesive transfer must be **100% wet transfer** to the back of the underlayment
- 4.10. Continually check for bubbles. To verify there are no bubbles, look down and across the underlayment from both 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.

**Avoid adhesive displacement by prohibiting traffic for a period of 6 hours for light traffic, and 8 hours for heavy static & dynamic loads.**

**Note: Inspect the Sports Vinyl Underlayment once installed and fill any gaps or uneven seams with Gerfix T-111 and allow to dry overnight.**

- 4.11. Verify for any smudges of adhesive or lippage at the seams. Using a sander, sand as needed to obtain a smooth surface for the next step.
- 4.12. Smooth the seams of the Sports Vinyl Underlayment using a belt or orbital sander once the T-111 is cured.


**WARNING: VERIFY ALL SEAMS OF THE SPORT VINYL UNDERLAYMENT ARE PROPERLY ADJUSTED AND LEVELLED. ANY VARIATION IN HEIGHT OR SMOOTHNESS WILL VISIBLY TELEGRAPH THROUGH THE SURFACE VINYL MATERIAL.**

#### 5. DRY LAY OF SURFACE SHEET GOODS

**NOTE: When installing BleacherBlok System side by side with sports flooring, adjust the seams of the Surface flooring so the planks are aligned with the planks of the court already installed.**

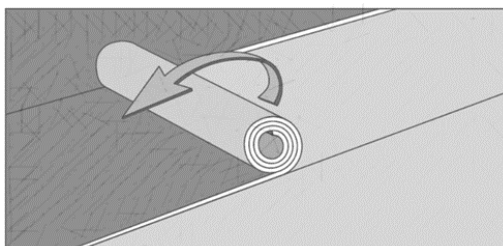
- 5.1. Acclimate Surface Vinyl in area to be installed for a minimum of 24 hours
- 5.2. Unroll flooring following roll sequence numbers
- 5.3. Mark the centre starting line.
- 5.4. Unroll the first length of material along this chalk line and then work progressively outward, leaving a 1/4" gap between the sheets to allow the material to relax for at least 16-24 hours.
- 5.5. 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.
- 5.6. Surface sheets good seams shall offset bleacherblok seams by a minimum of 6". Do not stack seams.
- 5.7. Before applying the adhesive, bring the loose sheets close together with a gap no greater than 1/32".
- 5.8. The 1/32" gap is the space needed to groove the flooring for heat welding. This gap must be consistent in width.

#### 6. INSTALL SURFACE VINYL TO UNDERLAYMENT USING T-111 (2-PART PU ADHESIVE)

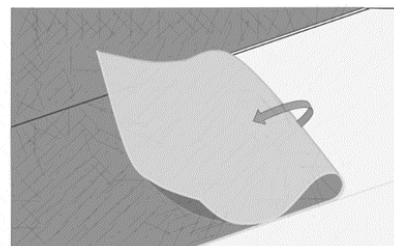
- 6.1. **Always refer to the Gerflor T-111 Polyurethane Adhesive Technical Data Sheet.**
- 6.2. The recommended trowel size is 1/32" x 1/16" x 1/32" 'U' notch,  covering 170 – 220 sq. ft. per US gallon.
- 6.3. Mix polyurethane adhesive part A and part B as recommended by the adhesive manufacturer.
- 6.4. Installers must be familiar with the use of polyurethane adhesives.
- 6.5. Starting from the centre line and working outward, fold the sheets back halfway and apply the adhesive to the subfloor.
- 6.6. Installers 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.**

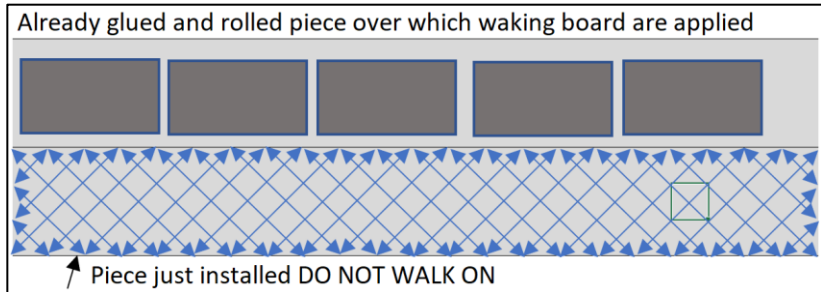
**Rollback method**



**Fold back method**



- 6.7. To ensure uniform adhesion of the entire surface, only spread a workable amount of adhesive at once. Maintain a uniform spread rate. Replace trowel (or trowel blade) with every pail used.
- 6.8. There is no 'open time' needed with this type of adhesive, the flooring must be applied into the wet adhesive within 40 minutes.
- 6.9. While installing, always work to have complete sheets glued at the end of the day.
- 6.10. To reduce the risk of bubbles, the roll back method is the most recommended.
- 6.11. By keeping the roll tight and maintaining a constant pressure while unrolling into the adhesive, the risk for bubbles will be minimal.
- 6.12. The fold back method is acceptable, but care must be taken not to flap it back too quickly.
- 6.13. Always roll seams, at the walls, and under toe kicks with a hand roller to ensure 100% transfer of adhesive.
- 6.14. **Cement bricks will be needed to weight down ALL end seams, or cross seams until the adhesive fully cures. Bricks must be used in any are within the installation that is not lying flat in the adhesive.**
- 6.15. 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.**
- 6.16. 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. If the adhesive skins over or dries, it must be scraped up and new adhesive applied.
- 6.17. Care must be taken to avoid flopping the sheets into the adhesive as this may cause air to become entrapped
- 6.18. 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.
- 6.19. 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.
- 6.20. Continually check the flooring for bubbles. To verify there are no bubbles, look down and across the flooring from both 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.
- 6.21. **Prohibiting ALL traffic for a period of 16 hours and 36 hours for rolling loads.**
- 6.22. **The use of walking 4' x 8' x 1/4" kneeling boards are mandatory to protect from adhesive displacement during installation.**





## **INSTALLATION INSTRUCTIONS**

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**7. HEAT WELDING - REFER TO “HEAT WELDING GERFLOR VINYL PRODUCTS” INSTRUCTIONS**

**8. ONCE THE INSTALLATION IS COMPLETED**

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