



## **INSTALLATION INSTRUCTIONS**

### **GAME LINE PAINTING**

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

<b>Product</b>	<b>Combined Unit Size</b>	<b>Coverage</b>
Gameline Primer (Clear) **	1.5 US Quarts	Up to 100 Sq.Ft. or 600 Lin. Ft. of 2" wide line per coat
White Paint (4100) *	1.25 US Quarts	Up to 83 Sq.Ft. or 500 Lin. Ft. of 2" wide line per coat
Black Paint (4200) *	1.25 US Quarts	Up to 83 Sq.Ft. or 500 Lin. Ft. of 2" wide line per coat
Blue Paint (4300) *	1.25 US Quarts	Up to 83 Sq.Ft. or 500 Lin. Ft. of 2" wide line per coat
Red Paint (4400) *	1.25 US Quarts	Up to 83 Sq.Ft. or 500 Lin. Ft. of 2" wide line per coat
Yellow Paint (4500) *	1.25 US Quarts	Up to 83 Sq.Ft. or 500 Lin. Ft. of 2" wide line per coat
Green Paint (4600) *	1.25 US Quarts	Up to 83 Sq.Ft. or 500 Lin. Ft. of 2" wide line per coat
Orange Paint (4700) *	1.25 US Quarts	Up to 83 Sq.Ft. or 500 Lin. Ft. of 2" wide line per coat
Custom Colors ***	1.25 US Quarts	Up to 83 Sq.Ft. or 600 Lin. Ft. of 2" wide line per coat

**\*Two or more coats are required for game lines.**

**\*\*Game line primer requires one coat, with the exception of Tennis and other heavily embossed products.**

**\*\*Custom colors available upon request. A corresponding Pantone, RAL, or Sherwin Williams color number is required for all custom color matching. Please allow for a minimum 14-day lead time for all custom colors.**

### **PAINTING GAME LINES ON GERFLOR SPORT SURFACES**

- 1. Gerflor Game Lines Paint** is a flexible two-component polyurethane paint. Its properties of high gloss, flexibility, color(s) and excellent gloss retention make this coating ideally suitable for all **GERFLOR** sport floor surfaces.
- 2. Always refer to the Game line paint Technical Data Sheet before using**
- 3.** Confirm the colors and quantities of paint and primer are correct before starting the painting process.
- 4. COVERAGE**
  - 4.1.** Gerflor Primer kit covers approximately 600 linear ft. of 2" line for a single coat. Kit consists of one component 'A' (32 oz.) and one component 'B' (16 oz.).
  - 4.2.** Gerflor Line Paint kit covers approximately 500 linear feet of 2" wide game line per unit of paint for a single coat. (A unit consists of 1-quart Component A mixed with 8 oz. container of Component B).

**Game line paint must be applied by experienced professional game line painters-applicators.**
- 5.** The following procedures are to provide a general guideline for the application of GERFLOR game line paint and primer.
  - 5.1.** Painting large areas require a special skill set and is typically not recommended.
  - 5.2.** It is customary to provide a minimum ½" wide line break between different colors of paint.
- 6. GERFLOR FLOORING PREPARATION**
  - 6.1.** Dust, dirt, and adhesive residue are contaminants that will negatively affect the bond of the Gerflor Line Paint.

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- 6.2. Clean floor surface with an auto-scrubber or damp mop using clear, clean warm water only.
- 6.3. Note: Do not use soap or detergent to clean floor surface prior to painting. Doing so may leave a residue on the surface causing a bond failure with the primer.

#### 7. TAPING AND PREPARING GAME LINES

- 7.1. Mark off the gymnasium floor in accordance with game requirements as shown on architectural drawings. Game lines shall be accurate to layout and width of lines as indicated on plans.
- 7.2. It is recommended to get written approval on game line colors, dimensions, and layout before proceeding.
- 7.3. All game lines should be masked with 3M™ Green Automotive Masking Tape 233+, 401+ or similar masking tape approved by the manufacturer for such application. Rub and roll tape firmly against the floor surface to accomplish a tight bond.
- 7.4. If the painted lines are to cross over a heat weld seam, it is necessary to sand the weld area sufficiently to prepare the surface for the primer. Failure to properly abrade the weld will result in bond failure.



#### 8. PRIMER APPLICATION

- 8.1. Gerflor Primer is an edge seal or barrier coat, it is not an adhesion promoter.
- 8.2. **Always refer to the Game line paint primer Technical Data Sheet before using**
- 8.3. Due to the surface texture (embossing) of the flooring, bleeding of the paint will occur if primer is not properly used.
- 8.4. A tape machine or hand roller should be used to roll over the inside edge of the tape to ensure it is well bonded prior to the application of the primer.
- 8.5. The application of a thin even coat of Gerflor Paint Primer is required for most surfaces to prevent paint bleed out.

**NOTE:** The Gerflor Paint Primer must be applied up to and over the inside edge of the tape to stop any bleeding of the paint. Allow the primer to dry or flash-off, becoming tacky to no transfer state when lightly touch. Apply the first color coat within 24 hours. If the Gerflor Paint Primer is allowed to dry longer than 24 hours, it will need to be lightly abraded with 100 grit sandpaper before application of the first coat of colored paint.

**NOTE:** If the primer and paint are not applied the same day, the removal of the masking tape may be difficult and can affect the finished quality of the game lines.

- 8.6. Depending on the texture of the sport surface (such as tennis surface), additional coats of primer may be required. The use of a HVLP spray system may be a better choice to avoid paint bleeding under the masking tape.
- 8.7. The Gerflor Paint Primer kit covers approximately 600 linear ft. of 2" line for a single coat. Kit consists of one component 'A' (32 oz.) and one component 'B' (16 oz.).
- 8.8. Mix Primer parts A and B thoroughly and allow a 15-minute induction period before application. Apply a **thin coat** of clear Primer to all areas receiving Game Line Paint.
- 8.9. Apply Gerflor Paint Primer with a solvent resistant short 1/8" nap paint roller or a pure bristle paint brush. Allow primer to become tacky with no transfer when lightly touched before proceeding with the paint application.



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#### 9. PAINT APPLICATION

- 9.1. Mix colored Gerflor game line paint, part A and part B, thoroughly.
- 9.2. Check to see if color is correct before combining Gerflor Component A (32 oz.) and Component B (8 oz.).
- 9.3. Apply two or more thin even coats of paint as required to achieve complete and consistent color. Allow paint to dry to a no transfer state when lightly touched before applying the second coat.

**NOTE: Heavy coats will result in aesthetic and/or performance issues.**

- 9.4. Masking tape should be removed as soon as the paint's final coat has been applied. The tape will be difficult to remove if the paint is allowed to dry, ragged line edges may also occur.
- 9.5. If Gerflor Paint is allowed to dry longer than 24 hours at normal temperatures, abrade with 100 grit sandpaper and clean with acetone before applying additional topcoat.

**CAUTION:** Over paint or spillage should be removed as soon as possible using a clean white 100% cotton rag and acetone or denatured alcohol. Pay close attention to thoroughly clean the area so as not to leave a thin paint haze on the surface.

- 9.6. It is very important that the application of the game lines be done after the work of all the other trades has been completed to prevent damage or contamination of the floor surface.
- 9.7. The areas should be closed off to all traffic. All doors and windows should be closed to prevent dust contamination.
- 9.8. The game line primer and paint should be applied at a temperature range of 65°F to 85°F. Relative humidity should be between 20% and 60%.
- 9.9. **Thin even coats will provide the best results.** Thick heavy coats will result in a poor outcome.
- 9.10. When applying paint with a roller, the use of a paint brush directly behind the roller is recommended to break the surface tension of the paint and promote air release.
- 9.11. Brush strokes should be uniform and in one direction.
- 9.12. Apply colored game line paint using a pure bristle paint brush or short nap paint roller, approximately 1" wide for 1" lines and 2" wide for 2" lines.
- 9.13. Brush and roller should be solvent resistant.
- 9.14. It is important that the paint be applied in a thin uniform coat.
- 9.15. After completion of the first coat, allow paint to become tacky with no transfer when lightly touched before proceeding with the next coat of paint.

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- 9.16. The paint and/or primer must be abraded with 100 grit sandpaper if it is allowed to dry longer than 24 hours between coats.
- 9.17. Pull line tape immediately after the final coat of paint is applied.
- 9.18. For logos and other areas that will be “color on color”, consult with Gerflor Technical regarding the use of Gerflor Paint Accelerator to facilitate a timely application of the logo film or tape to a newly painted surface.
- 9.19. Restrict traffic for 7 days to allow paint to fully cured.

#### 10. MAINTENANCE

- 10.1. **Restrict the use of automated or power cleaning equipment for a minimum of 15 days.**



The following is a close approximation of the linear footage of lines found in these common games:

- Men's NCAA Basketball – 725
- High School Basketball – 700
- Volleyball – 295
- Pickleball – 220
- Tennis – 490
- Badminton - 330

**CAUTION!** Double check all game lines for accuracy before applying primer and paint. Once the paint is dry, there is no known chemical to remove it without permanently damaging the flooring.

For more information, please refer to Gerflor Technical Services.