



PortaFloor® GRASS and TURF — Rollable Event Flooring™

Installation and Maintenance Guide

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PortaFloor® — Rollable Event Flooring™
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Manufacturer:

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Preparation

Each installation has its own unique requirements, depending on location, type of facility, and other factors. Please read these instructions carefully before proceeding.

Tools and Accessories

Tools:

- Dry line
- Measuring tape
- Utility knife
- Flat Tip Screwdriver

Accessories and Options:

- PortaFloor 3 in. (7.6 cm) Ramp Edge™ and Corners
- PortaFloor Deploy Cart™ and Pipe(s)
- PortaFloor Detach Tool™
- Storage Strap(s) 1 in. x 15 ft. with buckle
- Tile Shear

Time Requirements

Installation time will vary depending on ambient conditions, product storage conditions, the size of the area to be covered, the size and expertise of your crew, and means of flooring transport. The initial installation of the product may require more time than subsequent installations.

Temperature Acclimation

PortaFloor tiles will expand and contract with changes in temperature. It is recommended that the tiles be unrolled or removed from the pallet and allowed to acclimate to the conditions where they will be used before completing the installation. If the tiles are not unrolled, temperature variances may occur throughout the roll and may cause problems later. Tiles that are not properly conditioned may expand unevenly, resulting in bunching or buckling of the flooring surface. PortaFloor tiles will expand more in the lengthwise direction (see Figure 1, below).

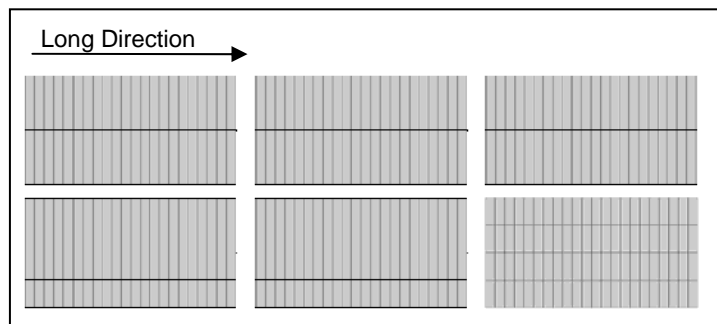


Figure 1

Installation

Set dry lines to keep the installation square. Maintain a minimum of 1 inch (2.5 cm) away from walls or edges of the area to be covered. If PortaFloor Ramp Edge™ will be used, allow at least 4 inches (10 cm) between the flooring and the dry line.

Be sure the tiles are all facing the same direction so that they will snap together correctly.

Note: It may be beneficial to divide the installation crew into two groups, with one group unrolling and laying out the tiles, and a second group following along and snapping the sheets together.

Initial Installation from a Pallet

1. Establish a starting point for the installation. The first tile should be placed with the slots facing the installation direction (see Figure 2 below). Subsequent tiles will lock into the first by placing the tabs in the slots.

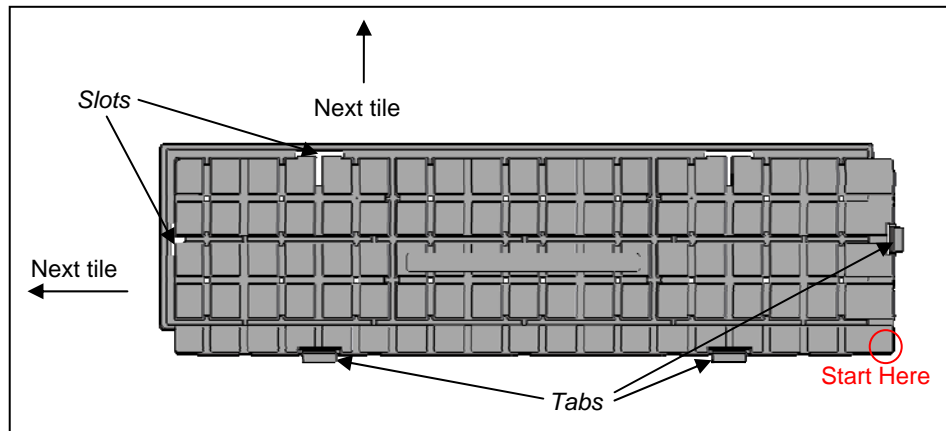


Figure 2

2. The tiles may be installed in a stair-step fashion to allow them to acclimate as the installation proceeds (see Figure 3).

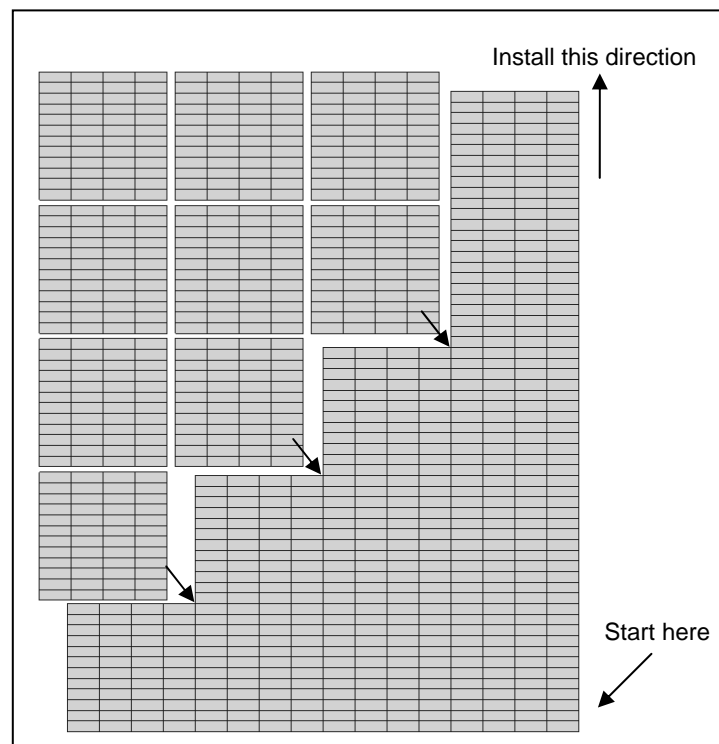


Figure 3

3. Align the locks and apply pressure to connect and lock sheets in place. Make sure all tabs have been locked in properly before moving on, as shown in Figure 4.

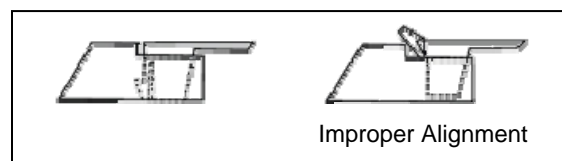


Figure 4

4. Complete the first column, then begin attaching sheets to form the next column, keeping them square to the dry line. Continue the procedure for each column

Roll Installation

1. Set dry lines to keep the installation square. Maintain a minimum of 1 inch (2.54 cm) away from walls or edges of the area to be covered. If PortaFloor Ramp Edge™ will be used, allow at least 4 inches (10 cm) between the flooring and the dry line.
2. Establish a starting point for the installation. Roll out the first rolls of flooring, covering the full **length** of the event flooring area to create a column. (See Figure 5). Make sure all rolls are laid out squared to the dry lines and the locks are facing in the same direction (see Figure 3).

Leave a 1-inch (2.5 cm) gap between rolls to give the flooring time to acclimate and expand before connecting them together.

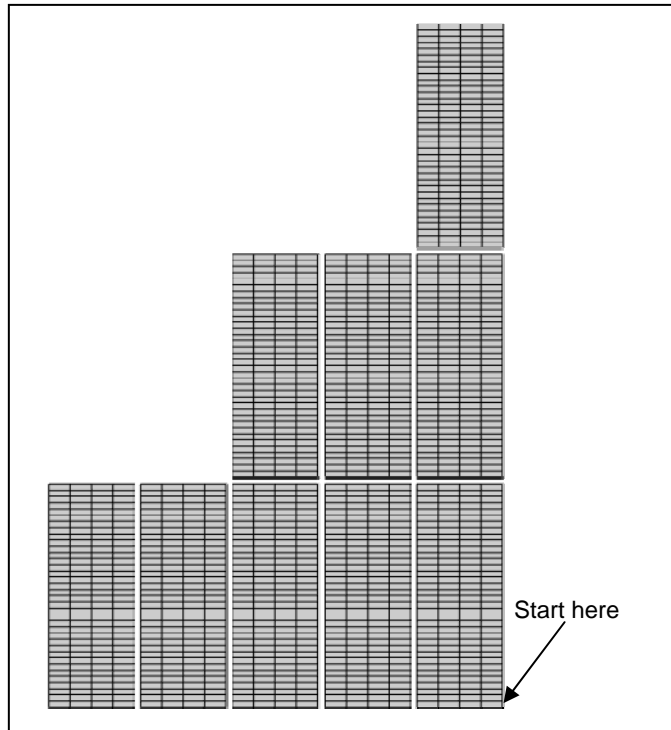


Figure 5

3. Once the first rolls have had time to acclimate, connect the first column together by aligning the locks and stepping on the flooring to lock in place.
4. Continue rolling out rolls in columns, leaving a gap for expansion, checking for square, and then connecting the columns and rolls together before moving to the next row.
5. The columns may be installed in a stair-step fashion to allow them to acclimate as the installation proceeds.

Finish Work

It may be necessary to trim tiles to fit doorways, oval arenas, or other fixtures. Keep in mind that any trimming you do permanently changes the trimmed tiles. You may wish to set aside or mark any trimmed tiles so that those pieces can be used in the same place(s) each time.

1. Measure and make a light cut along the line using a utility knife.
2. Double check your line, if desired, and then make a definitive cut through the full thickness of the tile. It might take more than one cut to get through the tile. Optionally, you can also use the Tile Shear.

- Where applicable, finalize the installation by connecting PortaFloor® Ramp Edge™ or cove base along the outside edge. Ramp Edge provides a smooth transition from the substrate surface to the PortaFloor - Rollable Event Flooring™ surface. Cove base is typically glued to the wall and overlaps the trimmed edges of the PortaFloor product.

Disassembly

Tools for Disassembly

- Measuring tape
- Flat Tip Screwdriver
- Number of PortaFloor recommended gauge PVC Pipes

Accessories and Options

- PortaFloor PVC Pipes
- PortaFloor Detach Tool™
- Storage Strap(s) 1 in. x 15 ft. with buckle

Although you can disassemble PortaFloor - Rollable Event Flooring into sheets and store on pallets, it is recommended that you roll up the flooring to save time during the next installation.

Storage in Rolls

Make sure you have the proper number of PortaFloor PVC Pipes to store the product.. For further information, contact the manufacturer at 1-800-487-7655 or visit www.portafloor.com.

Refer to the Quick Specifications sheet for both shipped sheet size and storage specifications for flooring rolls. Contact the manufacturer at 1-800-487-7655 or visit www.portafloor.com for the most current specifications.

Separate the flooring into 4'-wide (122 cm) by 100 foot long (3048 cm long) sections (herein 4 x 100 sections).

- Starting at one corner, count out 4'-wide sections (4 tiles wide).
- Measure and mark the length at 100' along each column to store in rolls. For storage on pallets, separate columns into sheets 4 tiles by 12 tiles.
- Unlock the flooring by inserting a flat tip screwdriver to the desired width and length in the slots shown below. Use the screwdriver as a lever to release the tab from the slot.

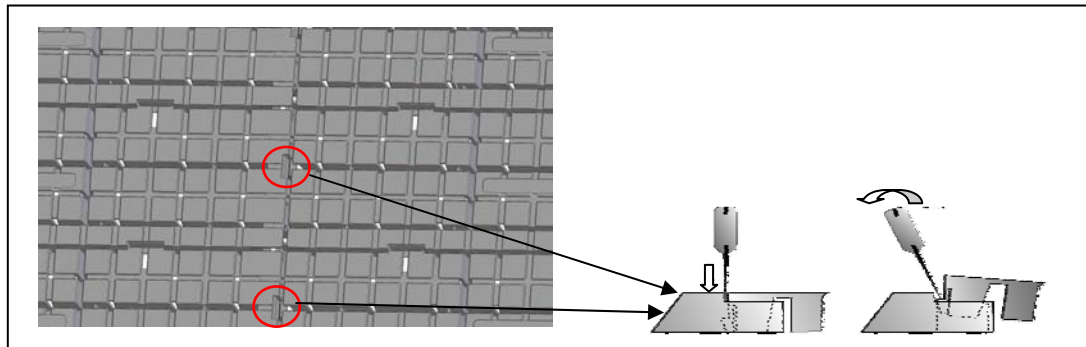


Figure 6

- After a few sections are detached, you can begin rolling the flooring by hand. Place PortaFloor PVC Pipes at the top of a 4 x 100 section and guide the PortaFloor – Rollable Event Flooring onto the pipe as you roll up the flooring in the lengthwise direction. Make sure to keep the roll straight as it is rolled onto the pipe.
- Attach storage straps around the ends of the event flooring rolls.
- Return the rolls to storage. Store only according to the *PortaFloor® - Rollable Event Flooring™ Quick Specifications*. Contact the manufacturer at 1-800-487-7655 or visit www.portafloor.com for the most current specifications.

Storage on Pallets

Separate the columns into sheets 4 tiles by 12 tiles (herein 4 x 12 sheets).

1. Starting at one corner, count out 4'-wide sections (4 tiles wide).
2. Measure and mark the length at 12 tiles along each column.
3. Unlock the flooring by inserting a flat tip screwdriver to the desired width and length in the slots shown below. Use the screwdriver as a lever to release the tab from the slot.
4. Stack sheets onto pallets for storage. Do not stack more than 138 sheets per pallet.
5. Return the pallets to storage. Store only according to the *PortaFloor® - Rollable Event Flooring™ Quick Specifications*. Contact the manufacturer at 1-800-487-7655 or visit www.portafloor.com for the most current specifications.

Disassembly with the PortaFloor Detach Tool™

1. Count out 4 tiles from the edge and separate a few tiles with a flat tip screwdriver as shown in Figure 5.
2. After a few tiles are detached, place the point of the Detach Tool at the edge of the unlocked tiles and push it forward as shown in Figure 7.

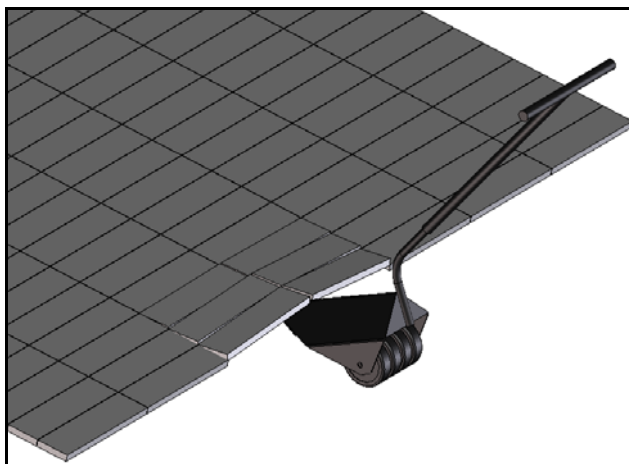


Figure 7

Be careful not to lock the flooring back together as you walk forward with the Detach Tool.

3. Once you have reached the 100 foot length, detach across the flooring using the Detach Tool or by releasing the locks with a flat tip screwdriver.
4. After a few sections are detached, you can begin rolling and transporting the rolls to storage.

Deploy Cart™

The Deploy Cart is a trailer that can be attached to a golf cart or other lightweight motorized vehicle. It can be used to roll out 4 x 100 sections of flooring to make the installation go faster.

1. Back the Deploy Cart up to each flooring roll, leaving enough room to open the cage.
2. Release the winch and lay the cage down in front of each flooring roll so that the PVC pipe is aligned properly to the cage.
3. For each flooring roll, place both ends of the PVC pipe under the hinge plates on both sides of the cart.

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4. Be sure to close both hinge plates over the locking pins on both sides. Lock them into place with cotter pins.
5. Winch the cage with the flooring roll so that it is lifted high enough above the ground for transport and clears any obstacles.
6. Lock the winch in place before driving each flooring roll to the installation area.
7. Roll out the flooring according to the instructions in the **Installation** section.



PortaFloor® GRASS and TURF - Rollable Event Flooring™ ***Maintenance Instructions***

Cleaning Basics

Generally, a broom is all that is needed for cleanup. However, when left out for extended periods, PortaFloor - Rollable Event Flooring can be affected by dirt, mud, debris, chemicals, and spray from sprinkling systems. If additional cleaning is necessary, it is recommended that you use mild detergents to clean the flooring.

- Mix a mild detergent with water to create a cleaning solution. Do not use soaps to clean the flooring as they tend to leave slippery residues on the surface.
If possible, use biodegradable detergents that will not harm plants and animals in the surrounding area or downstream.
- Use a high pressure hose to wash off the detergent. A high pressure hose is recommended, but pressure washers can be used at less than 1200 psi.
- An air blower can also be used to clean debris and leaves from the surface.
- Do not use bleach or other chlorine based cleaners. They can attack the structural integrity and colorants in the flooring. A key ingredient of chlorine cleaners is sodium hypochlorite, which damages the flooring.
- Do not use mineral spirits, solvents, naphtha, kerosene, gasoline, or similar solvents on the flooring. Solvents can leave a film or residue that is difficult to remove. They can also impair the slip resistant properties of the flooring.

Wipe Up Chemical Spills Immediately!

Spot/Stain Removal

- For tough stains, use a heavy degreaser made for oil, grease, or tar removal. Such cleaners have emulsifying agents that pick up the stain and hold it in suspension so it can be washed away.
- Chewing gum can be removed as follows:
 1. Use a freeze spray product to make the gum brittle.
 2. Carefully pry the hardened gum off with a chisel or flat tip screwdriver.
 3. If the above does not work, consider using a very small amount of solvent like acetone, but only for a very small area to avoid damaging the flooring.
- Immediately after using any degreaser or solvent, clean the area according to the *Cleaning Basics* above. Make sure all chemical residues are washed away.

Hard Water Deposits

Sprinkling systems can leave mineral deposits on PortaFloor - Rollable Event Flooring. While this will not adversely affect functionality, it can detract from overall appearance. If possible, try to prevent water spots by redirecting sprinkler spray away from the flooring. If this is not possible:

1. Mix water with basin, tub, and tile cleaner products like CLR®. Such products contain acids that break down mineral deposits.
2. Dip a stiff bristle brush or broom into the solution and rub vigorously over the affected areas.
3. When finished, neutralize the cleaner with a light dusting of baking soda.

Be aware that if tile cleaners are not neutralized, the color and the slip resistance of the surface of the flooring can be damaged.

4. After allowing a few minutes for the baking soda to neutralize the chemicals in the cleaner, thoroughly rinse the area with water.

Deep Periodic Cleaning

Debris can accumulate under and in the open grid of the tiles over time. You can use high pressure water while lifting up segments of the flooring to clean underneath it.