PedFloor™ Sealant System
Installation Instructions for PF-2

Prior to Installation

It is important to accurately measure the installation area.

Cat #	Area Covered
PF-2	2 ft^2 (200 cm^2), 3-inch (7.5 cm) depth or 0.5 ft^3 (14k cc)

Determine the quantity of PedFloor™ Sealant required, using American Polywater Quantity Determination Worksheet. Multiple kits may be used to seal an area.

Area Preparation
Working temperature 35° to 110° F (2° to 43° C)

1. Prepare the target surface. Level the surface and cover pea gravel/rocks with at least one inch of sand or dirt.
2. Once the area has been leveled, shallow channels may be added along the edges of the area and between any conduits. Such channels aid the flow of the PedFloor™ Sealant for better coverage of the target surface before reacting.

Alternative method for pea gravel: For very porous surfaces such as pea gravel or loose rock, cover area with plastic sheet, provided. Cut the plastic sheet 2-4 inches (5-10 cm) longer in width and length than the area being sealed. (This creates a 1-2 inch (2.5-5 cm) overlap on each side.) Slide the plastic over target area, cutting slits as needed to accommodate conduits/cables. The plastic should overlap 1-2 inches (2.5-5 cm) on all sides.

Use the duct tape provided to seal the cut slits in the plastic and around the conduits/cables.

Elevated or shelf application:

Cut the plastic sheet 2-4 inches (5-10 cm) larger the area being filled. (1-2 inches (2.5-5 cm) on each side)

1. Clean and clear the areas where duct tape will attach the plastic including the conduits/cables and pedestal sides. A brush effectively removes dirt and dust.
2. If conduits/innerducts do not extend at least 4 inches (10 cm) above the plastic floor level, protect with split innerduct or other material to ensure re-enterability.
3. For best results, create a support for the plastic sheet. Use 14 gauge (210 mm^2) or heavier wire to form a lattice level. Wire supports should be placed approximately every 6 inches (15 cm) both lengthwise and widthwise. Wire ends should overlap the opening by no more than 1 inch (2.5 cm)so that they remain covered by the plastic.
4. Slide the plastic to cover the area at the chosen level cutting slits as needed to accommodate conduits/cables. The plastic should overlap 1-2 inches (2.5-5 cm) on all sides.
5. Tape the plastic sheet so that it is level with the edge of the pedestal. (Duct tape is provided with kit.) Seal slits and tape around conduit/cables so that there are no holes for leakage. Make sure plastic is as level and flat as possible. Tape serves to both seal the opening in the plastic and to support the plastic level with the edge of the pedestal.

Burst primary seal

Mix burst pack 30 times

Burst secondary seal

Apply PedFloor™

Spread PedFloor™ with stick

Fill gaps with FST

Finished seal

Mixing PedFloor™

Caution: Wear protective gloves (provided) and safety glasses. Refer to MSDS before handling.

1 Roll the pouch section containing the part A toward the center burst seal. Apply pressure until the primary burst seal ruptures, allowing Part A and B to mix.

2 Knead the pouch by pushing on each side **30 times** to thoroughly mix part A and B.

3 After thoroughly mixing two parts, roll the end of the burst pack toward the burst seal near the application nozzle. Apply pressure until the secondary seal ruptures.

Application

4 Roll and squeeze the burst pouch to apply the PedFloor™ Sealant into the target area. PedFloor™ will dispense at a controlled rate. The tip of the nozzle can be trimmed to facilitate faster application.

For best results apply material throughout the target area to form a thin coat about 1/4 to 3/8 inch (0.6 to 1.0 cm) thickness of PedFloor™.

5 Once the entire PedFloor™ Sealant burst pouch is deployed, observe the flow of the liquid throughout the area. Pools of PedFloor™ Sealant may be directed and spread with a stick for several minutes. Once PedFloor™ Sealant starts to thicken, allow it to react undisturbed. PedFloor™ Sealant will continue to flow and expand for 20 minutes after it is mixed.

6 Inspect seal to make sure PedFloor™ Sealant adheres to all component edges and surfaces so that no gaps are apparent.

Note: Small gaps may be sealed with FST-250
Total coverage area is 0.5 ft2 (500 cc) 2 inches (5 cm) thick.

7 Mix and install each PedFloor™ Sealant kit individually, waiting for each kit to react before deploying the next kit (approximately 20 minutes). PedFloor™ bonds well to itself so that multiple applications have the same strength as a single deployment of PedFloor™ Sealant Barrier.

Completed Seal

Excess material can be trimmed. PedFloor™ is re-enterable. It may be drilled or sawed similar to wood.

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Makers of Polywater® and Dyna-Blue® Cable Lubricants and Pull-Planner™ Software

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