

Polywater® PedFloor™ Sealant System with InstaGrout

Installation Instructions for PF-3

Prior to Installation

It is important to accurately measure the installation area.

Cat #	Area Covered
PF-1	1 square foot, 3-inch depth
PF-3	3 square feet, 3-inch depth

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

Area Preparation

Direct ground application:

Fill any deep holes with sand or dirt. The surface should be level. PedFloor™ Sealant System works best on flat areas. It will flow to any low spots on the target surface.

- 1 For very porous surfaces such as pea gravel or loose rock, cover area with plastic sheet, provided. Cut the plastic sheet 2-4 inches longer in width and length than the area being sealed. (This creates a 1-2 inch 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 on all sides.

Note: Sand and dirt are less porous and do not need to be covered with plastic. Pea gravel or loose rock may be covered with sand or dirt, eliminating the need for the plastic and tape.

- 2 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 larger the area being filled. (1-2 inches 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 above the plastic floor level, protect with split innerduct or other material to ensure reenterability.
- 3 For best results, create a support for the plastic sheet. Use 14 gauge or heavier wire to form a lattice level. Wire supports should be placed approximately every 6 inches both lengthwise and widthwise. Wire ends should overlap the opening by no more than 1 inch 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 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.



Pour 1 bottle Part A, then 1 bottle Part B into mixing pail



Mix well for 30 seconds



Slowly pour mix into target area



Use a 2-inch conduit to safely direct material



Spread the InstaGrout™ material with stir stick

Mixing and Application Insta-Grout

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

Working temperature is 40 °F to 110 °F.

- 1 Use the empty pail (provided) to mix the InstaGrout™ Sealant PMT-3. Pour the bottle of InstaGrout™ Sealant PMT-3 *Part A* into the pail. Next, shake 1 bottle of InstaGrout™ Sealant PMT-3 *Part B* to pre-mix and pour into the pail. Mix well for 30 seconds using stir stick (included). The mixed product should be a uniform gray. After mixing, set aside the stir stick for later use in directing the flow of the InstaGrout™.

The mixed InstaGrout™ Sealant should be applied within 5 minutes of the completion of mixing.

- 2 Slowly pour the InstaGrout™ Sealant into the target area. Rapid pouring can cause unwanted pooling of the material. Initially, the mixed material is thin and has good flow properties.

For best results pour material into several, spaced points in target area.

- 3 A 2-inch conduit may be used as a pour spout to safely direct the InstaGrout™ Sealant into hard to reach spots.
- 4 Once the entire InstaGrout™ Sealant kit is deployed, observe the flow of the liquid throughout the area. Pools of InstaGrout™ Sealant may be directed and spread with the stir stick for several minutes. Once InstaGrout™ Sealant starts to thicken, allow it to react undisturbed. InstaGrout™ Sealant will continue to flow and expand for up to 20 minutes after it is mixed.
- 5 Inspect seal to make sure InstaGrout™ Sealant adheres to all component edges and surfaces so that no gaps are apparent.
- 6 Mix and install each InstaGrout™ Sealant kit individually, waiting for each kit to react before deploying the next kit (approximately 20 minutes). InstaGrout™ bonds well to itself so that multiple applications have the same strength as a single deployment of InstaGrout™ Sealant Barrier.

Completed Seal

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

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Important Notice: The statements here are made in good faith based on tests and observations we believe to be reliable. However, the completeness and accuracy of the information is not guaranteed. Before using, the end-user should conduct whatever evaluations are necessary to determine that the product is suitable for the intended use.

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