

INSTRUCTIONS FOR USE

POLYWATER® INSTAGROUT™ SYSTEM (PMT-10)



POLYWATER® INSTAGROUT™ SYSTEM

InstaGrout creates a ground barrier to block rodents, other pests, water, and humidity. It is durable and tolerates temperature extremes. Use it as an alternative to concrete or other ground barriers. InstaGrout adheres to fiberglass, metal, polymers, and concrete.

INSTALLATION

Installation temperature:

35°F to 110°F (2°C to 43°C)

In-service temperature:

-40°F to 250°F (-40°C to 120°C)

- Make sure surface is smooth and level.
- Mix well, using one kit at a time.

SAFETY

- Wear eye protection.
- Use protective gloves and protect bare skin.

Determine the quantity of InstaGrout required, using American Polywater Quantity Determination Worksheet. InstaGrout is available in multiple sizes. Multiple kits may be used to fill an area.

Cat #	Area Covered
PMT-1	1 square foot (0.1 m ²), 3-inch (7.6 cm) depth
PMT-2	2 square foot (0.2 m ²), 3-inch (7.6 cm) depth
PMT-10	10 square foot (1 m ²), 3-inch (7.6 cm) depth



Create shallow channels to direct flow

1. Smooth and level the target surface. Cover porous surfaces such as pea gravel and rocks with at least one inch of sand or dirt.

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 InstaGrout for better coverage of the target surface before reacting.



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

2. Use the empty pail (provided) to mix the InstaGrout. Pour the jug of InstaGrout Part A into the pail. Next, shake 1 jug of InstaGrout Part B for 15 seconds to pre-mix it. Then pour it into the pail.



Mix well for 1 minute

3. Mix well for 1 minute using a drill mixer. Mix until the InstaGrout is a uniform gray.

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



Various mixers are available

4. Several examples of readily available mixers are shown here.

InstaGrout may be mixed by hand with a paint stir stick, a spatula or other paddle. Mixing may take longer than 1 minute. Mix until the InstaGrout is a uniform gray color.



Slowly pour mix into target area

5. Slowly pour the InstaGrout 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.



Use a 2-inch conduit to safely direct material

6. A 2-inch (50 mm) conduit may be used as a pour spout to safely direct the InstaGrout into hard-to-reach spots.
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Spread the InstaGrout material with a stir stick

7. Once the entire InstaGrout kit is deployed, observe the flow of the liquid throughout the area. Pools of InstaGrout may be directed and spread with the stir stick for several minutes. Once InstaGrout starts to thicken, allow it to react undisturbed. InstaGrout will continue to flow and expand for up to 20 minutes after it is mixed.



Fill in gaps with additional material

8. Inspect seal to make sure InstaGrout adheres to all component edges and surfaces so that no gaps are apparent.

Note: Small gaps may be sealed with PMT-1, PMT-1 coverage is: 1 ft² (0.1 m²), 3 inches (7.6 cm) thick.



Finished seal

9. Mix and install each InstaGrout 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.

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

STORAGE AND HANDLING

Keep containers cool, dry, and away from sunlight.

Product shelf life is 18 months.

CONTACT US

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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.

American Polywater expressly disclaims any implied warranties and conditions of merchantability and fitness for a particular purpose. American Polywater's only obligation shall be to replace such quantity of the product proven to be defective. Except for the replacement remedy, American Polywater shall not be liable for any loss, injury, or direct, indirect, or consequential damages resulting from product's use, regardless of the legal theory asserted.

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