

## INSTRUCTIONS FOR USE

### POLYWATER® INSTAGROUT™ SYSTEM (PMT-1 & PMT-2)



### 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 one kit at a time.
- Mix vigorously. Knead each chamber 30 times.

#### SAFETY

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

### Prior to Installation

Determine the quantity of InstaGrout required, measuring the length and width of the area to be filled. Do not subtract conduits or wire area.

Area square foot = length inches X width inches /144

Area square meter = length cm X width cm/10000

InstaGrout is available in multiple sizes. Multiple kits may be used to fill an area.

Cat #	Area Covered
PMT-1	1 ft <sup>2</sup> (0.1 m <sup>2</sup> ), 3 in (7.6 cm) depth, 0.25 ft <sup>3</sup> (7 lt) vol.
PMT-2	2 ft <sup>2</sup> (0.2 m <sup>2</sup> ), 3 in (7.6 cm) depth, 0.5 ft <sup>3</sup> (14 lt) vol.
PMT-10	10 ft <sup>2</sup> (1 m <sup>2</sup> ), 3 in (7.6 cm) depth, 2.5 ft <sup>3</sup> (70 lt) vol.



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.



Burst primary seal

2. Roll the pouch section containing Part A toward burst seal in the center. Apply pressure until the burst seal ruptures, allowing the two parts to mix.



Mix burst pack 30 times

3. Knead the pouch by pushing alternately on each side at least **30 times** vigorously back and forth to thoroughly mix Part A and Part B.

*Mix well. Two parts should be fully combined for best results.*



Bursting secondary seal

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



Apply InstaGrout

5. Roll and squeeze the burst pouch to apply the InstaGrout into the target area. InstaGrout will dispense at a controlled rate. The tip of the nozzle can be trimmed to facilitate faster InstaGrout installation.

*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 InstaGrout.*



Spread the InstaGrout with a stick

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



Inject InstaGrout

7. 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 ft<sup>2</sup> (0.1 m<sup>2</sup>), 3 inches (7.6 cm) thick.*



Finish installing InstaGrout

8. Mix and install each InstaGrout 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

1-800-328-9384 Toll Free | 1-651-430-2270 Main | 1-651-430-3634 Fax | email: [support@polywater.com](mailto:support@polywater.com)

**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.

**Polywater**<sup>®</sup>  
Solutions at work.