

Polywater® InstaGrout™

Sealant Barrier for Transformer Pad Openings



Polywater® InstaGrout™ helps prevent outages and service disruptions by creating a resilient and impermeable barrier. InstaGrout™ is an excellent electrical reliability sealant that keeps out moisture and stops rodents, snakes, spiders, wasps, and fire ants from burrowing up through earthen gaps into the pad enclosure.

Polywater® InstaGrout™ polymer matrix technology is easy to mix on site, and requires no water. The only site preparation required is to plug any gaps or holes inside the opening that could allow product to flow outside the pad opening. The repair compound flows and expands around complex conduit stub-ups. It adheres to fiberglass, polymer concrete, and concrete pads. InstaGrout™ self-levels and covers uneven dirt and sand base material. It tolerates environmental extremes and effectively seals uneven ground. It will not settle, crack, or cave in like concrete can when performing service work or transformer change-outs.

- Safeguard enclosures, equipment and cables from damage
- Prevent animal intrusions into protective enclosures
- Economical, robust alternative to concrete grout
- Protect hard-to-access areas and equipment
- Easy to mix and apply
- Compatible with all cable jacket materials
- Withstands temperature extremes

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Polywater® InstaGrout™ Sealant is a two-part system packaged in pre-measured quantities for easy onsite mixing. Field crews combine the pre-measured components and shake, stir or mix for 30 seconds. The InstaGrout™ Sealant is then poured into the transformer pad opening. The result is a continuous barrier created from a convenient liquid system. It naturally expands to a thickness of 3 to 4 inches. Kit coverage is calculated using a 3-inch fill depth (7 cm). Working temperature range is 35°F to 110°F (4°C to 43°C).

Carefully measure the area to be sealed by multiplying the width (ft or cm) by the length (ft or cm) of the opening in the pad structure. Do not subtract any conduits or other stub-up utilities. Use this measurement to estimate the minimum quantity required. Round up to determine quantity of InstaGrout™ Sealant required. It is good practice to rely on field measurements to calculate quantity, rather than measurements from plans or specs. Actual pad opening dimensions may vary from drawings due to manufacturing variances or earlier pad change-outs.

Example: Pull box measuring 15 x 36 inches (38 x 91 cm).

- Pull box area is 3.75 ft. (3, 5 cm).
- Seal requires two PMT-2 burst packs to cover 4ft² at 3-inch depth (3.700 cm² at 7 cm depth).

Catalog Number	Area Covered	Volume Filled
PMT-1	1 ft ² at 3-in. depth (930 cm ² at 7 cm depth)	0.25 ft ³ (7.100 cm ³)
PMT-2	2 ft ² at 3-in. depth (1.860 cm ² at 7 cm depth)	0.5 ft ³ (14.000 cm ³)
PMT-3	3 ft ² at 3-in. depth (2.800 cm ² at 7 cm depth)	0.75 ft ³ (21.200 cm ³)
PMT-10	10 ft ² at 3-in. depth (9.300 cm ² at 7 cm depth)	2.50 ft ³ (70.800 cm ³)

Catalog Number	Description	Unit/Case
PMT-1	1 Bottle Part A, 1 Bottle Part B, 1 Pair Gloves, 1 Instruction Sheet	2
PMT-2	Burst Pack: 1 Convenient Burst Pack with Integrated Dispensing Nozzle, 1 Pair of Gloves, 1 Instruction Sheet	2
PMT-3	1 Bottle Part A, 1 Bottle Part B, 1 Pair Gloves, 1 Mixing Pail, 1 Mixing Stick, 1 Instruction Sheet	1
PMT-10	1 Jug Part A, 1 Jug Part B, 1 Mixing Pail, 1 Pair Gloves, 1 Instruction Sheet	1

To view technical information on our website go to:

Support Page: www.polywater.com/instagrout.asp

Application Videos: www.polywater.com/videos.asp



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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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