



PSI-75 Primer

Product description

PSI-75 Primer is a single-component, synthetic rubber-based solution used as a primer for PSI polysulfide and silicone sealants on porous and non-porous substrates.

Basic uses

PSI-75 Primer promotes adhesion of PSI polysulfide sealants and some PSI silicone sealants to metal, concrete, masonry, glass, ceramics and certain plastics. It is the required primer for use with polysulfide sealants for water immersion applications.

Application limitations

- If sealant cannot be installed within 8 hours, reprime.
- Keep cans tightly closed when not in use as primer will deteriorate when exposed to moisture.
- Do not apply over wet or damp substrates.
- Do not apply primer to backer rod to prevent three-sided adhesion.

Packaging

Available in pint (473 ml) cans.

Application

Preparation: Surfaces to which primer is applied must be clean, dry and free of laitance, loose aggregate, grease, oil, wax, corrosion, rust, waterproofing compounds, mastic compounds, and previously-applied sealants.

Application: Apply primer by brush, roller, or spray in a thick, continuous film. Avoid pools, runs and drips. Allow primer to become dry to the touch (approximately 1 hour) before installing sealant. If primer is allowed to dry over 8 hours, repriming is necessary.

Cleanup: Equipment can be

cleaned with xylene or other suitable solvent. When using flammable solvents, consult manufacturer's MSDS for safety precautions.

Coverage Chart

Joint Depth	Lineal Feet
1/4"	300
3/8"	225
1/2"	150

Shelf life: One year from date of shipment when stored in original, unopened container at temperatures between 40 and 80°F (4 to 27°C).

Technical services

PSI provides field service, performance data, specification assistance and use evaluations.

Adhesion testing by PSI: This program is intended to eliminate potential field-application problems by pre-testing the adhesion of PSI's construction sealants on samples of building materials submitted by the customer. The tests will aid in determining the proper surface preparation method, effective solvents for cleaning and whether priming is necessary to achieve optimum adhesion. Following this procedure will remove many of the variables that affect field success.

Test samples should be identified as to

Application Properties*

Consistency	Light amber liquid
Specific gravity	1.07
Density	6.84 lb/gal
Dry time from priming to sealant application, dependent on ambient temperature and relative humidity	Approx. 1 hour
Open time	8 hours
VOC content	782 gm/L
Flash point	45°F (7°C)
Non-volatile content	20 to 25%

* Typical properties are for information only, not for purposes of specification.

manufacturer, origin, designed use, building project, person and firm originating the request. Appropriate sketches of drawings showing the intended use can be helpful. They should be sent to the attention of PSI's Technical Director.

Jobsite testing of substrates: A field test can be performed by applying several feet of the sealant to a representative joint and letting it reach full cure. Make a cut in the cured sealant across the joint the entire depth of the sealant. Make two vertical cuts several inches long, paralleling the sides of the joint as closely as possible and extending down from the cross cut. Grasp the free length of sealant and pull at a 90° angle to determine if a good bond has developed. With good adhesion, the sealant will usually tear cohesively or be difficult to remove from the surface.

Availability and cost

Polymeric Systems, Inc., is a part of Whitford Worldwide. For more information, please contact Polymeric Systems or Whitford Ltd. at:

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Runcorn, Cheshire, UK WA7 1ST
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Health precautions

- Contains flammable solvents (toluene). Keep away from heat, sparks and flame.
- Wash hands thoroughly after application and before eating or smoking.
- Avoid repeated or prolonged contact with clothing or skin. Material on the skin should be wiped off immediately and scrubbed vigorously with soap and water.
- In case of ingestion, obtain medical attention.
- Keep out of reach of children.
- For professional use only.

For additional safety and health information, consult a Material Safety Data Sheet.

NON-WARRANTY: ALL RECOMMENDATIONS, STATEMENTS AND TECHNICAL DATA CONTAINED HEREIN ARE BASED ON TESTS WE BELIEVE TO BE RELIABLE AND CORRECT, BUT ACCURACY AND COMPLETENESS OF SAID TESTS ARE NOT GUARANTEED AND ARE NOT TO BE CONSTRUED AS A WARRANTY, EITHER EXPRESS OR IMPLIED. USER SHALL RELY ON HIS OWN INFORMATION AND TESTS TO DETERMINE SUITABILITY OF THE PRODUCT FOR THE INTENDED USE, AND USER ASSUMES ALL RISK AND LIABILITY RESULTING FROM THIS USE OF THE PRODUCT. MANUFACTURER'S SOLE RESPONSIBILITY SHALL BE TO REPLACE THAT PORTION OF THE PRODUCT OF THE MANUFACTURER THAT PROVES TO BE DEFECTIVE. MANUFACTURER SHALL NOT BE LIABLE TO THE BUYER OR ANY THIRD PARTY FOR INJURY, LOSS OR DAMAGE DIRECTLY OR INDIRECTLY RESULTING FROM USE OF, OR INABILITY TO USE, THE PRODUCT. RECOMMENDATIONS OR STATEMENTS OTHER THAN THOSE CONTAINED IN A WRITTEN AGREEMENT SIGNED BY AN OFFICER OF THE MANUFACTURER SHALL NOT BE BINDING UPON THE MANUFACTURER.

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