



PC-GROUT II
Flexible, Hydrophobic
Polyurethane Foam

Product Description:

PC-Grout II is a two-component, moisture-cured polymer that reacts with water to form a tough, flexible, closed cell hydrophobic polyurethane foam. It is designed to fill large voids and cracks in stone or concrete.

Features

- Prevents Water Infiltration
- Forms A Flexible Gasket or Plug

Typical Uses

- Pipes
- Tunnels
- Subways
- Reservoirs
- Grouting Joints
- Remedial Water Stop
- Sewers
- Seawalls
- Manholes
- Slurry Walls
- Tieback Anchors
- Sub-Grade Structures

Technical Data (Based on draw down film)

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| Appearance, Part-A Part-B | Pale Yellow Clear |
| Density, ASTM D-1638 Part-A Part-B | 8.9 lb/gal 8.35 lb/gal |
| Flash Point, ASTM D-93 Part-A Part-B | 356°F (180°C) 101°F (38°C) |
| Viscosity at 75°F (24°C), ASDTM D-1638 Part-A Part-B | 740 ± 150 cps 20 ± 5 cps |
| Mixing ratio by Volume | 10A : 1B |
| Solubility in Water | Not Soluble |
| Expansion | 500-600% |
| Induction Time (approximately) | 40-60 seconds |
| Gel Time (approximately) | 3-5 minutes |
| Corrosiveness | Non Corrosive |

Packaging:

5½ gallon kit: One 5 gallon pail of PC-Grout II Part-A and One ½ gallon container of PC-Grout II Catalyst Part-B.

Mixing:

The volume mixing ratio is 10 parts Part-A to 1 part Part-B.

Before application, pre-mix Part-A and Part-B. All equipment used to mix the material must be dry to prevent the PC-Grout II from reacting. Mix Part-A and Part-B together in a ratio of 10A: 1B and place it in the injection pump or pour it directly into the joints.

Since the PC-Grout II mixture will only activate when it comes in contact with water, it does not need to be used immediately. However, the surface may harden which will then need to be removed before the unhardened materials may be used normally.

Curing:

The PC-Grout II foam hardens in approximately 5 minutes at 68°F (20°C).

Equipment Cleanup:

Equipment should be cleaned with an environmentally safe solvent, as permitted under local regulations, immediately after use.

Storage:

PC-Grout II has a shelf life of one (1) year from date of manufacture in original, factory-sealed containers when stored indoors at a temperature between 60-95°F (15-35°C).

Warning:

This product contains Isocyanates.

PC-Grout II Catalyst is considered Dangerous Goods. DOT regulations classify it as: **Corrosive Liquid, N.O.S. (Contains Amine), Class 8, UN 1760, PG III.**

Limited Warranty:

Please read all information in the general guidelines, product data sheets, guide specifications and material safety data sheets (MSDS) before applying material. Published technical data and instructions are subject to change without notice. Contact your local Polycoat Products representative or visit our website for current technical data and instructions.

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Disclaimer:

All guidelines, recommendations, statements, and technical data contained herein are based on information and 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 expressed or implied. It is the users responsibility to satisfy himself, by his own information and test, to determine suitability of the product for his own intended use, application and job situation and user assumes all risk and liability resulting from his use of the product. We do not suggest or guarantee that any hazard listed herein are the only ones which may exist. Neither seller nor manufacturer shall be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from use of, or inability to use, the product. Recommendations or statements, whether in writing or oral, other than those contained herein shall not be binding upon the manufacturer, unless in writing and signed by a corporate officer of the manufacturer. Technical and application information is provided for the purpose of establishing a general profile of the material and proper application procedures. Test performance results were obtained in a controlled environment and Polycoat Products makes no claim that these tests or any other tests, accurately represent all environments.

Rev. 11/1/12