



**POLYCOAT
PRODUCTS**
A Division of American Polymers Corp.

PC-GROUT II
*Flexible Hydrophobic
Polyurethane Foam*

DESCRIPTION

PC-GROUT II is a two component moisture cured polymer which 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
- ❖ Slurrywalls
- ❖ Tieback Anchors
- ❖ Sub-Grade Structures

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 mixed 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.

LIMITATIONS

Refer to general guidelines for more information.

TECHNICAL DATA

Appearance,	
Part-A	Pale Yellow
Part-B	Clear
Density, ASTM D-1638,	
Part-A	8.9 lb/gal
Part-B	8.35 lb/gal
Flash Point, ASTM D-93,	
Part-A	356°F (180°C)
Part-B	101°F (38°C)
Viscosity, @ 75°F (23.8°C), ASTM D-1638,	
Part-A	740 ± 150 cps
Part-B	20 ± 5 cps
Mixing Ratio by Volume	10A : 1B
Solubility in water	Not Soluble
Expansion	500-600%
Induction time, approximately	45-60 seconds
Gel time, approximately:	3-5 minutes
Corrosiveness	Non Corrosive

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.**

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.

LIMITED WARRANTY

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