

1. PRODUCT NAME

HYDROFOAM

2. MANUFACTURER

POLYGEM, INC.
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3. PRODUCT DESCRIPTION

HYDROFOAM is an innovative and simple to use hydrophilic polyurethane resin system designed to provide the ultimate solution for crack repair and void grouting applications. In contact with water, HYDROFOAM will expand up to 20 times its original volume creating a permanent, flexible and water-tight seal. HYDROFOAM eliminates the need for costly equipment and messy cleanups. HYDROFOAM is packaged in unique 10 fl. oz. caulk-style cartridges that easily dispensed in any standard caulk gun!

Advantages

- Very flexible foam seal
- TDI and Solvent Free
- No mixing or expensive dispensing equipment
- Single 10 oz. cartridge fits in ordinary caulk guns
- Bonds to most wet or dry surfaces

Uses

For the sealing of cracks and joints that leak or exhibit movement. HYDROFOAM is ideal for use in:

- Foundation Cracks
- Fill voids and Rock Pockets
- Pipe Penetrations
- Concrete Tie Holes
- Pre-Cast Section Seams
- Floor/Wall Joints

4. APPLICATION INSTRUCTIONS

- 1) Prepare crack by setting injection ports and sealing crack with a fast-setting paste epoxy.
- 2) Remove red cap and cut 1/8" max. off the tip or puncture tip with small diameter nail.
- 3) Put cartridge in caulk gun and place cartridge tip into injection port.
- 4) Slowly dispense resin into injection port using low pressure to ensure maximum foam development. Allow resin/foam to rise into adjacent or next higher port. Cap filled port and repeat dispensing procedure into the next port until all injection ports are filled.
- 5) Re-cap cartridge to preserve any unused resin.

Consult Polygem, Inc. for additional technical instructions for crack repair specifications.

Packaging

HYDROFOAM is available in standard size 10.3 ounce caulk tubes and also in one gallon, and 5 gallon bulk containers.

Shelf Life

Factory sealed containers of this product are guaranteed to be of first quality for min. 6 months.

Limitations

- Not for use as a structural repair. Do not install when surface temperature is below 45°F (7°C) or above 90°F (32°C).
- High volume water flow will require optional accelerator catalyst to adjust foam expansion rate.

Cautions

- Product reacts with moisture, keep containers tightly sealed and avoid exposing unused resin to moisture or humidity.
- Wear chemical goggles and NIOSH approved respirator. Wear proper protective clothing and gloves to prevent direct contact of uncured resin. Consult Material Safety Data Sheet for full listing protective requirements.
- During cold weather, protect finished work from traffic until fully cured.
- HYDROFOAM may irritate eyes and skin. Avoid contact with eyes or prolonged contact with skin.
- For professional use only.
- Keep out of reach of children.

5. TECHNICAL DATA

Performance Properties
Test/Test Method Results

Color	Milky
Viscosity	230 cps.
Shear Strength ASTM D-273	175 psi
Tensile Strength ASTM D-1623	375 psi
Elongation ASTM D-1623	410%

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