

PRODUCT NAME

POLYFAOM SLV

MANUFACTURER

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POLYFOAM-SLV

HYDROPHOBIC POLYURETHANE RESIN

POLYFOAM-LV is an extremely low viscosity polyurethane injection resin designed to permanently seal leaks in concrete and masonry structures. Immediately upon contact with water, **POLYFOAM-SLV** rapidly expands and forms a tough, flexible, closed-cell foam that can not be penetrated by water or other liquids.

OUTSTANDING FEATURES

- SINGLE COMPONENT
- SUPER LOW VISCOSITY
- SOLVENT FREE
- EXTREMELY FLEXIBLE
- RESISTS MANY CHEMICALS
- CLOSED CELL FOAM
- HYDROPHOBIC FORMULA
- POTABLE WATER APPROVED

TYPICAL APPLICATIONS

- EXPANSION JOINTS
- MANHOLES
- SWIMMING POOLS
- FOUNDATION WALLS
- ELEVATOR PITS
- TUNNELS AND SUBWAYS
- COLD JOINTS
- CONCRETE DAMS
- WATER HOLDING TANKS
- PARKING DECKS

APPLICATION INSTRUCTIONS

1. Drill injection port holes 6" to 24" apart at a 45° angle to intersect the crack at 1/2 the crack depth.
2. Clean holes and install injection ports leaving injection tips off of ports.
3. Install injection tip on 1st port and Inject **POLYFOAM-LV** until resin appears at next higher port.
4. Repeat step 3 on next higher port until entire crack has been fully injected with **POLYFOAM-LV**
(Consult Polygems Technical department for further detailed repair procedures)

PROPERTIES OF POLYFOAM-SLV

Tensile Strength	(ASTM D-1623)	29 P.S.I.
Elongation	(ASTM D-1623)	60%
Shrinkage	(ASTM D-2126)	Less than 0%
Density	(ASTM D-1622)	Free Rise-2.02 lbs/ft
Appearance		Amber Liquid
Viscosity		200 CPS
Weight Per Gallon		9.0 Lbs. Per Gallon
Solids Content		100%
UL Listed		YES (NSF-61-1989)
USDA Approved		YES
Cure Time		6-7 Mins.
Packaging		1 & 5 gallon Units