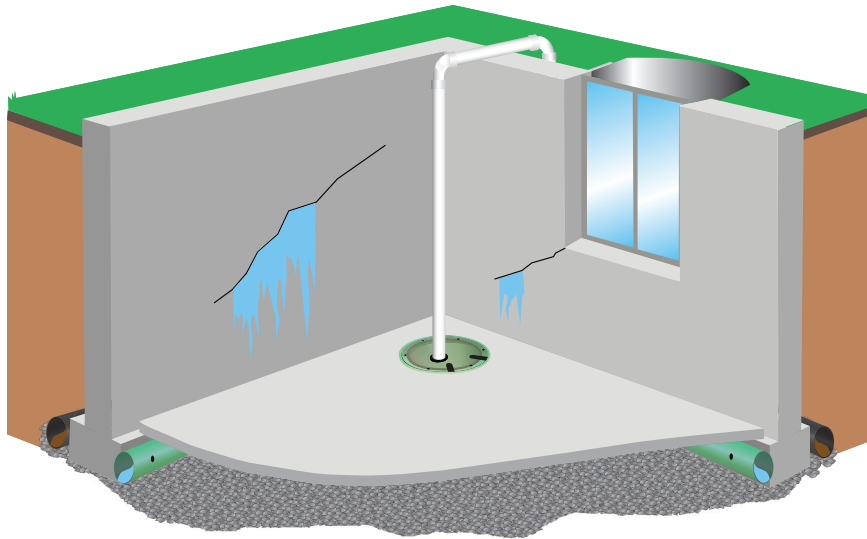




ECP Crack Injection Resins

Epoxy and Polyurethane Resins

Often times foundation wall cracks are the path that water takes when your basement floods. ECP Epoxy and Polyurethane Injection Resins are designed to seal cracks and eliminate water and air leaks from basement walls. Both systems will effectively fill the crack while keeping water out. Epoxy injection is traditionally used to weld cracked concrete back together to restore the structural integrity of the cracked concrete. Polyurethane foam injection is ideal for filling wider cracks and cracks that may exhibit signs of settling or movement from changing seasons and soil pressures. Polyurethane also works great for filling in voids or sealing leaks around pipe penetrations.



Sealing water entrance points is the first step to a dry basement!

Advantages of Polyurethane Resins

- Permanently Repairs Foundation Cracks
- Flexible Seal For Foundation Cracks
- Eliminates Water and Air Leaks
- Seals Pipe and Other Penetrations
- Application Done From Inside Basement
- Reduces Humidity and Water Vapor
- Void Filler

Advantages of Epoxy Resins

- Permanently Repairs Foundation Cracks
- Restores Structural Strength to Foundation Walls
- Eliminates Water and Air Leaks
- Meets ASTM C881 Standards
- Application Done From Inside Basement
- Welds Concrete back Together
- Reduces Humidity and Water Vapor

**EARTH
CONTACT
PRODUCTS**

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ECP



ECP Crack Injection Resins

ECP Epoxy is a 100% solids, two-component, multi-viscosity, moisture insensitive epoxy designed for deep penetration to restore the structural integrity of the foundation. Unique wetting properties allow maximum penetration of epoxy into cracks as small as .005”.

ECP Polyurethane Resins are a innovative blend of hydrophobic/hydrophlic polyurethane resins designed to provide the ultimate solution for crack repair and void grouting applications. In contact with water, ECP Polyurethane Resins will expand up to 20 times its original volume creating a permanent, flexible and water-tight seal.

Technical Data

ECP PFLV

Performance Properties
Test/Test Method Results

Water Absorption ASTM D-2127	<1%
Shrinkage ASTM D-2126	<0%
Color	Amber Clear
Viscosity	400 cps
Density ASTM D-1622	60lbs/ft
Tear Strength ASTM D-624	400 psi
Tensile Strength ASTM D-638	2000 psi
Elongation ASTM D-638	100%

ECP PF1C

Performance Properties
Test/Test Method Results

Water Absorption ASTM D-2127	<1%
Shrinkage ASTM D-2126	<0%
Color	Clear
Viscosity	600 cps
Density ASTM D-1622	65lbs/ft
Tear Strength ASTM D-624	400 psi
Tensile Strength ASTM D-638	2200 psi
Elongation ASTM D-638	400%

ECP Epoxy

Performance Properties
Test/Test Method Results

Thin Film Set-Time @ 77°	3-5 hr
Full Cure Time	24 hr
Comp. Strength	14480 psi
Tensile Strength	8315 psi
Tensile Elong. ASTM D-638	8.9%
Coefficient of Shrinkage	<.001
Heat Deflection Temp.	>120°
Shore D Hardness	80-75
Water Absorption	.1989%
Mixed Viscosity	LV 150 cps MV 650 cps HV 13000 cps
Color Mixed	Amber
Mix Ratio	2:1

ECP HYFO

Performance Properties
Test/Test Method Results

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

Packaging: Epoxy 16.5 oz dual cartridge,
Polyurethane 22 oz dual cartridge.
Both available by gallon on request.

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