

EASTERN RESINS

INJECTION GEL

DESCRIPTION:

INJECTION GEL is a 100% solids, USDA acceptable, adhesive epoxy gel, for filling cracks in concrete and wood members. *INJECTION GEL* will displace water in cracks and restore the concrete member to its original monolithic integrity.

TYPICAL USES:

Sealing cracks in concrete and wood members.
Leveling concrete floors

FEATURES

Good chemical resistance
Convenient 1 to 1 ratio by volume
Tenacious bond to most substrates
Full Cure in 8-10 hours
Bonds to damp (SSD) substrates

Environmentally safe, solvent free system
High strength
USDA acceptable

VISCOSITY: (@72°F)

Part A: gel
Part B: gel
Mixed: gel

COLORS:

Grey

MIX RATIO BY VOLUME:

1 part A to 1 part B

CURE SCHEDULE: (@ 74°F)

Pot life @ 75°F: 20minutes
Tack free: 5-6 hours
Recoat 9-10 hours
Full cure: 24 hours

PHYSICAL PROPERTIES:

Compressive Strength	ASTM D695	10,500 psi
Tensile Strength	ASTM D 638	2,600 psi
Elongation at Break	ASTM D-638	3.00%
Abrasion Resistance		
CS-17 Wheel, 1 kg load	ASTM D4060	0.25 loss
Water Absorption (2 hour Boil)	ASTM D570	0.11%
Flexural Strength	ASTM D790	7,500 psi
Shore D Hardness	ASTM D2240	89
Heat Distortion Temperature	ASTM D648	124°F
Bond Strength to : Concrete		100% concrete failure

CHEMICAL RESISTANCE:

Water	good
Low concentrations of acids	good
Most Alkalis	good

Oils/grease

good