

EASTERN RESINS

ULTRA LOW VISCOSITY INJECTION RESIN

DESCRIPTION:

ULTRA LOW VISCOSITY STRUCTURAL INJECTION RESIN, Is a 100% solids, moisture insensitive, structural resin that will penetrates cracks down to 2 mills wide Under minimal pressure (60-80 psi).

TYPICAL USES:

Crack Injection
Sealing concrete
Primer for epoxy mortars
Broadcast coating for industrial traffic
Sealer to stop out-gassing (add solvent)
Binder for epoxy mortar

FEATURES:

Moisture Insensitive
Ultra low viscosity (125 cps)
Convenient 2 to 1 ratio by volume
Non-blushing/waterspotting
Bonds to damp concrete
Self-leveling and air releasing

VISCOSITY: (@72°F)

Part A: 500 cps

Part B: 100 cps

Mixed: 125 cps

CURE SCHEDULE: (72°F)

Pot Life : : 10-12 minutes

Full Cure: 4 hours

MIX RATIO BY VOLUME:

2 parts A to 1 part B (by volume)

PHYSICAL PROPERTIES:

Compressive Strength	ASTM D695	13,500 psi
Tensile Strength	ASTM D 638	6,200 psi
Elongation at Break	ASTM D-638	5.1%
Abrasion Resistance		
CS-17 Wheel, 1 kg load	ASTM D4060	0.09 gm loss
Water Absorption (2 hour Boil)	ASTM D570	0.09%
Flexural Strength	ASTM D790	9,600 psi
Shore D Hardness	ASTM D2240	90
Heat Distortion Temperature	ASTM D648	127°F
Bond Strength to : Concrete		100% concrete failure

CHEMICAL RESISTANCE:

Water (Fresh & Salt)	excellent
Sewage	excellent
Low Concentrations of acids and Alkalis	excellent