

EASTERN RESINS

FAST SET GEL

DESCRIPTION:

FAST SET GEL is a 100% solids, USDA acceptable, fast setting epoxy gel, for leveling uneven floors. This system will not blush and provides an excellent bond to most epoxy top-coats.

TYPICAL USES:

Leveling rough or uneven concrete floors and walls
Sealing cracks for injection grouting

FEATURES

Good chemical resistance
Convenient 1 to 1 ratio by volume
Tenacious bond to most substrates
Ready for top-coating in 2-3 hours

An environmentally safe, solvent free system
Creamy gel consistency allows one pass leveling
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: 10 minutes
Tack free: 2 hours
Re-coat: 3-4 hours

PHYSICAL PROPERTIES:

Compressive Strength	ASTM D695	10,000 psi
Tensile Strength	ASTM D 638	2,600 psi
Elongation at Break	ASTM D-638	6.54%
Abrasion Resistance		
CS-17 Wheel, 1 kg load	ASTM D4060	0.04 gm loss
Water Absorption (2 hour Boil)	ASTM D570	0.05%
Flexural Strength	ASTM D790	8,500 psi
Shore D Hardness	ASTM D2240	89
Heat Distortion Temperature	ASTM D648	120°F
Bond Strength to : Concrete		100% concrete failure

CHEMICAL RESISTANCE:

Water	good
Low concentrations of acids	good
Most Alkalis	good

Oils/grease

good