

EASTERN RESINS

SLOW SET GEL

DESCRIPTION:

SLOW SET GEL is a 100% solids, USDA acceptable, adhesive epoxy gel, for leveling uneven concrete floors and sealing cracks in concrete.

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

MIX RATIO BY VOLUME:

1 part A to 1 part B

COLORS:

Grey

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 | 10,000 psi |
| Tensile Strength | ASTM D 638 | 2,000 psi |
| Elongation at Break | ASTM D-638 | 3.70% |
| 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 | 7,100 psi |
| Shore D Hardness | ASTM D2240 | 88 |
| Heat Distortion Temperature | ASTM D648 | 127°F |
| Bond Strength to : Concrete | | 100% concrete failure |

CHEMICAL RESISTANCE:

| | |
|-----------------------------|------|
| Water | good |
| Low concentrations of acids | good |
| Most Alkalis | good |
| Oils/grease | good |