

EASTERN RESINS

UNDERLAYMENT RESIN

DESCRIPTION:

Eastern Resins Underlayment Resin is a 100% solids, low viscosity epoxy system. Suitable for use where a durable abrasion resistant surface is required. **Underlayment Resin** has been designed as a binder for sand mortar mixes to level uneven floors and as an inexpensive base coat broadcast overlay.

TYPICAL USES:

Leveling uneven floors
Binder for epoxy mortars
Broadcast coating

FEATURES:

Low viscosity
Convenient 2 to 1 ratio by volume

COLOR: Clear to Amber

VISCOSITY: (@72°F)

Part A: 500 cps
Part B: 100 cps
Mixed: 200 cps

CURE SCHEDULE:

Pot life @ 74°F: 24 minutes
Tack free: 12 hours
Recoat: 12.5 hours
Foot Traffic: 13 hours
Forklift Traffic: 24 hours

MIX RATIO BY VOLUME: 2 Parts A to 1 Part B (by volume)

PHYSICAL PROPERTIES		
Compressive Strength	ASTM D695	9,500 psi
Tensile Strength	ASTM D 638	3,600 psi
Elongation at Break	ASTM D-638	8%
Abrasion Resistance		
CS-17 Wheel, 1 kg load	ASTM D4060	0.20 gm. Loss
Water Absorption (2 hour Boil)	ASTM D570	0.21%
Flexural Strength	ASTM D790	4,000 psi
Shore D Hardness	ASTM D2240	88
Heat Distortion Temperature	ASTM D648	100°F
Bond Strength to : Concrete (Dry)		100% concrete failure

CHEMICAL RESISTANCE:	
Water (Fresh & Salt):	Good
Sewage:	Good