

EASTERN RESINS

COAL TAR EPOXY

DESCRIPTION:

COAL TAR EPOXY is a 100% solids, Modified coal tar novolac floor coating designed to bond to asphalt and concrete surfaces. High strength and resistant to most corrosive reagents. *COAL TAR EPOXY* will bond to cold damp substrates.

TYPICAL USES:

Top coating asphalt
Primer for cold patch asphalt
Broadcast coating for industrial traffic
Traffic wear-course in parking garages

FEATURES:

Low viscosity
Convenient 1 to 1 ratio by volume
Binder for mortar
Bonds to asphalt and concrete
Resistant to battery acid
Available in Standard Set and Fast cure

VISCOSITY: (@72°F)

Part A: 1000 cps
Part B: 450 cps
Mixed: 600 cps

MIX RATIO BY VOLUME:

1 part A to 1 part B (by volume)

COLORS: black only

CURE SCHEDULE: @ (72°F)

STANDARD SET

Pot life: 23 min.
Tack free: 6 hours
Foot Traffic: 9 hours
Forklift Traffic: 12 hours
Chemical exposure 24 hours

FAST SET

Pot life: 17 min.
Tack free: 4 hours
Foot traffic: 5 hours
Forklift traffic: 7 hours
Chemical exposure: 12 hours

PHYSICAL PROPERTIES:

		Fast set	Standard set
Compressive Strength	ASTM D695	8,500 psi	8,000 psi
Tensile Strength	ASTM D 638	3,600 psi	3,000 psi
Elongation at Break	ASTM D-638	22%	24%
Abrasion Resistance			
CS-17 Wheel, 1 kg load	ASTM D4060	0.12gm loss	0.19 gm loss
Water Absorption (2 hour Boil)	ASTM D570	0.15%	0.21%
Flexural Strength	ASTM D790	4,000 psi	3,800 PSI
Shore D Hardness	ASTM D2240	85	83
Heat Distortion Temperature	ASTM D648	127°F	125°F
Bond Strength to : Concrete and Asphalt		100% substrate failure	

CHEMICAL RESISTANCE:

Water (fresh & salt)	excellent
Sewerage	excellent
Battery acid	excellent

Gas/oils

excellent