

# *EASTERN RESINS*

# DECO SHIELD

## DESCRIPTION:

*DECO SHIELD* is a 100% solids, USDA acceptable, clear epoxy flooring resin designed for color quartz floors and as a sealer for concrete. It will not blush or water spot and will bond to cold, damp surfaces. *DECO SHIELD* supports heavy industrial traffic, is resistant to fungus and mildew as well as being anti-microbial.

## TYPICAL USES:

Color quartz flooring  
Binder for mortars  
Broadcast flooring  
Primer for mortar  
Sealing concrete

## FEATURES

Good chemical resistance  
Convenient 2 to 1 ratio by volume  
Low viscosity  
Tenacious bond to most substrates  
USDA acceptable

## VISCOSITY: (@72°F)

Part A: 500 cps  
Part B: 200 cps  
Mixed: 275 cps

## CURE SCHEDULE:

Pot life @ 75°F: 18 minutes  
Tack free: 4 hours  
Full cure: 8 hours

## MIX RATIO BY VOLUME:

2 parts A to 1 part B

## PHYSICAL PROPERTIES:

Compressive Strength	ASTM D695	12,000 psi
Tensile Strength	ASTM D638	5,500 psi
Elongation at Break	ASTM D638	5.00%
Abrasion Resistance		
CS-17 Wheel, 1 kg load	ASTM D4060	0.10 gm loss
Water Absorption (2 hour Boil)	ASTM D570	0.07%
Flexural Strength	ASTM D790	7,800 psi
Shore D Hardness	ASTM D2240	90
Heat Distortion Temperature	ASTM D648	127°F
Bond Strength to Concrete		100% concrete failure

## CHEMICAL RESISTANCE:

### REAGENT

Water	excellent
Low concentrations of acids	excellent
Most Alkalis	excellent
Oils/grease	excellent