

# *EASTERN RESINS*

## GLAZE SHIELD HP

### DESCRIPTION:

GLAZE SHIELD HP is a 100% solids, low viscosity, clear **epoxy/acrylic** coating for concrete and wood surfaces. It provides very good leveling and air release properties along with excellent chemical, temperature and abrasion resistance.

### RECOMMENDED USES:

Color Quartz flooring  
Broadcast coating for industrial traffic  
Areas subject to heavy industrial traffic  
Showrooms, foyers, kitchens, restaurants  
Structural resin for anchoring bolts in concrete  
Clear high gloss top coats  
Stops out gassing of concrete

### FEATURES:

Low viscosity  
Self-leveling and air releasing  
Will not blush or water spot  
Resistant to hot water washing  
Self priming to damp concrete  
USDA acceptable

### VISCOSITY: (@72°F)

**Part A:** 650 cps  
**Part B:** 100 cps  
**Mixed:** 300 cps

### CURE SCHEDULE:

Pot Life @ 75°F: 12 minutes  
Full Traffic: 5 hours

### MIX RATIO BY VOLUME:

2 parts A to 1 part B

PHYSICAL PROPERTIES:		
Compressive Strength	ASTM D695	12,500 psi
Tensile Strength	ASTM D638	4,800 psi
Elongation at Break	ASTM D638	5.00%
Abrasion Resistance		
CS-17 Wheel, 1 kg load	ASTM D4060	0.04 gm loss
Water Absorption (2 hour Boil)	ASTM D570	0.10%
Flexural Strength	ASTM D790	8,600 psi
Shore D Hardness	ASTM D2240	92
Heat Distortion Temperature	ASTM D648	129°F
Bond Strength to Concrete (dry)		100% concrete Failure

CHEMICAL RESISTANCE			
Fresh and salt water	no effect	Citric acid	no effect
Animal waste	no effect	10% Sulfuric acid	no effect
Oils and petroleum products	no effect	Caustics	no effect