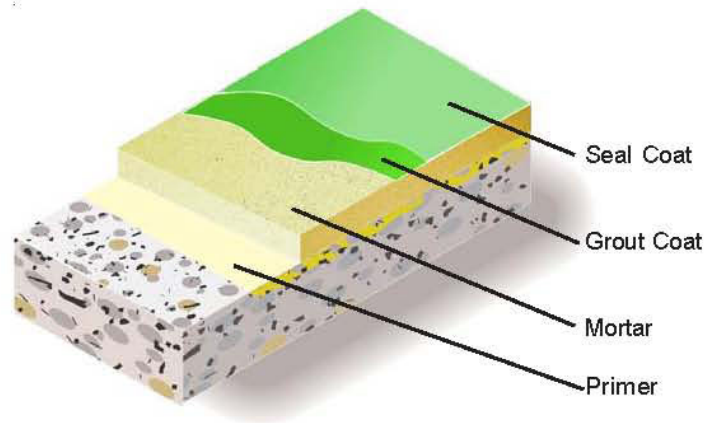


Epoxy Overlay

Epoxy Overlay Systems are 1/8" - 1/4" high build protective resurfacing systems utilizing an epoxy and silica aggregate mortar, high build grout and seal coats. Different seal coat options are available for specific needs.



1/4" Smooth

Advantages

- High solids
- VOC compliant low odor during installation
- Protects substrates from conditions of thermal shock, and heavy impact and wear
- Resists degradation from many chemicals, acids and alkalis
- Wide range of colors available
- Available with an antimicrobial agent

Uses

- Traffic aisles and manufacturing
- Pulp and paper plants
- Waste water treatment facilities
- Pharmaceuticals
- Drum storage areas
- Petroleum refineries
- Food and beverage facilities

Typical Physical Properties @1/4"

Color	Standard Colors Computerized custom color matching available upon request
VOC (Volatile Organic Content)	
SCAQMD Method 304	Compliant
EPA Method 24	Compliant
Hardness @ 24 hours, Shore D	80/65
ASTM D 2240	
Compressive Strength	15,000 psi
ASTM C 579	
Tensile Strength	
ASTM C 307	1,700 psi
ASTM D 638	6,000 psi
Flammability	Self-Extinguishing over concrete
Flexural Strength	3,700 psi
ASTM C 580	
Adhesion	350 psi
ACI 503R	100% concrete failure
Abrasion Resistance	70-90 mgs lost
ASTM D 4060, CS-17 Wheel, 1,000 cycles	
Impact Resistance	Withstands 16 ft lbs
MIL-D-3134, Sec.4.7.3	without cracking, delamination or chipping
Resistance to Elevated Temperatures	No slip or flow at required temperature of 158°F
MIL-D-3134J	

ASTM C = Mortar system

ASTM D = Resin only