

Product Description:

POXI-ROCK FLOORING is a 2 component, 98% solids epoxy binder resin to be blended with ROCK-TRED aggregates to create a trowel grade mortar. **POXI-ROCK FLOORING** meets USDA/FDA guidelines for use in federally inspected facilities.

POXI-ROCK FLOORING is used to create resurfacing epoxy mortar overlays, for repairing non-moving joints, cracks and spalls in concrete floors and for installing hand formed cove base, ramping and slopes in floors. It is formulated for easy hand or power trowel applications.

Physical Testing Information:

Compressive Strength:	15,900 psi after 7 days (ASTM C-579)
Tensile Strength:	3,300 psi (ASTM C-307)
Percent Elongation:	2.0% (ASTM D-638)
Flexural Strength:	8,300 psi (ASTM-C-580)
Flexural Modulus of Elasticity:	4.0 x 10 ⁶ (ASTM D-790)
Bond Strength:	>400 psi (100% concrete failure) (ACI COMMITTEE #503/PP1139-1141)
Indentation:	No indentation (MIL-D-3134F)
Abrasion Resistance:	0.04 gm max. weight loss (ASTM D-4060, Taber Abrader) CS- 17 wheel, 1,000 gm load, 1,000 cycles
Coefficient of Friction:	0.6 (ASTM D-2047)
Flammability:	Self-extinguishing (ASTM D-635) Extent of burning 0.25 inches max.
Thermal Coefficient of Linear Expansion:	(ASTM E-831) 2.1 x 10 ⁻⁵ C ^o
Water Absorption:	0.2% (ASTM C-413)
Heat Resistance Limitation:	140° F/60° C (For continuous exposure) 200° F/93° C (For intermittent spills)
Volume mix ratio	4 to 1 (Resin to Hardener)
Viscosity [mixed]	300-500 CPS Typical
Solids Content (%)	98% (ASTM D-2697)
VOC	42 g/l (EPA method 24)
Application Temps	60° - 85° F
Hardness	70-80 (Shore D)
Gel Time	20 - 30 minutes @ 75° F
Dry to Touch (recoat with compatible products)	4 - 5 hours @ 75° F
Through-Cure	8 - 12 hours @ 75° F
Open for light traffic	24 hours @ 75° F
Shelf Life	1 year in unopened units

Please review ROCK-TRED's Product Data Sheet and SDS for further information on this product.