100% Solids Epoxy

2 COMPONENT, 2 TO 1 MIX RATIO EPOXY

Product Data

Volumetric Ratio ..... 2 to 1
Solids. ..... 100% (+ or - 1%)
Coverage ..... 100 SF/gal. at 16 mil
200 SF/gal. at 8 mil
Application Temperature ..... 55 - 90°F
Thinning ..... Not Required
Pot life. ..... 20-30 min.
Working Time on Floor. ..... 20-30 min.
Cure Time ..... 12 hours (walking)
24 hours (light traffic)
Full Cure. ..... 5 to 7 days
Critical Re-Coat Time ..... 12 hrs.
Shelf life ..... 12 months.
USDA Food & Beverage ..... Meets Req.

Color Pigments

E2U Epoxy is available with standard premixed colors or in clear base with pourable pigment color kits.

Stock Pigments Include:

- Clear
- Light Gray
- Medium Gray
- Dark Gray
- White
- Black
- Tan
- Beige
- Tile Red
- Safety Red
- Safety Blue
- Safety Green
- Safety Yellow

Note: Color kits provide the user with stock versatility. By broadcasting Paint Chips or Silica Sand, endless color and texture combinations can be created. Other colors are available at an additional charge.

Packaging

1.5 Gallon Kits:

Part A ..... 1 gal.
Part B. ..... ½ gal.

15 Gallon Kits:

Part A ..... 10 gal.
Part B. ..... 5 gal.

PRODUCT DESCRIPTION

E2U Epoxy is a two component, high performance modified cycloaliphatic epoxy concrete floor coating system. Its epoxy chemistry provides excellent bonding characteristics. It can be applied as a 12 to 50 mil coating system. Paint Chips or Color Quartz can be broadcast into E2U Epoxy to create a custom look. Its design features provide for the highest industrial and commercial demands.

APPLICATIONS

The uniqueness and universality of E2U Epoxy's chemistry facilitates the applications where USDA Food & Beverage and other regulatory requirements must be obtained. i.e. food manufacturing and preparation, pharmaceutical manufacturing and dispensaries, clean rooms, commercial kitchens, laboratories and more. Other areas of use include: garage floors, rest rooms, manufacturing facilities, automotive showrooms and schools.

ADVANTAGES

- Essentially odorless
- Self-priming over properly prepared substrate
- VOC Compliant
- High color stability
- High gloss
- Withstands medium traffic as thin as 12 mil
- Chemically resistant
- No amine blush

PHYSICAL PROPERTIES

PROPERTY	VALUE	REFERENCE
Compressive Strength	7,800 psi	ASTM C 695
Flexural Strength	3,700 psi	ASTM D 790
Tensile Strength	3,900 psi	ASTM D 638
Bond to Concrete	350 psi	ASTM D 4541 Concrete fails at this point
Taber Abrasion	75-80 Mgs	ASTM D 4060
Flammability	Self-extinguishing	
Hardness, Shore D	84	ASTM D 2240
Flash Point	>200°F	

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REVISED_05-21-2016