
EpoxySystems' Product #633

100% Solids Epoxy Novolac Coating

DESCRIPTION

EpoxySystems' Product #633 is 100% solids epoxy novolac coating ideal for harsh chemical and solvent environments. EpoxySystems' Product #633 can be used as a seal coat for EpoxySystems' overlay systems, and where extreme chemical resistant performance is required. EpoxySystems' Product is used in secondary containment, solvent storage, pump pads, trenches, and other high exposure areas.

ADVANTAGES

- Exhibits excellent resistance to strong acids, alkalis, and most industrial chemicals and solvents
- Can be applied in occupied facilities
- Can be applied in cool damp conditions
- Can be re-coated in 4 to 6 hours

CONSIDERATIONS

- Concrete substrate must be free of dirt, waxes, curing agents, and other foreign materials.
- Steel surfaces must be free of grease and oils. Abrasive blast to SSPC-SP5.

COMPOSITION

100% solids, modified amine adduct cured epoxy novolac resin.

APPLICATION

SURFACE PREPARATION

Surface Preparation is the most critical portion to any successful resinous system application. All substrates must be properly prepared as outlined in **Epoxy Systems TECHNICAL BULLETINS**. The **Epoxy Systems** tech service department is pleased to answer any questions.

INSTALLATION

Will vary with application method.

Color	Light Grey or Brick Red		See Color Card.
		Gloss, 60°F	100

Solids Content	100%
Mix Ratio	2Ato 1B by volume
Pot Life	20 minutes @ 75°F
VOC	-0-

DRY TIME		
Foot Traffic	10 - 12	hours
Recoat	4 (min) -	12(max) hrs
Service	5 days	

PERFORMANCE PROPERTIES	
Tensile Strength ASTM D-638	10,400 psi
Adhesion to concrete ACI Committee 403	300 psi (100% concrete failure)
Hardness ASTM D-2240	86 Shore D
Abrasion Resistance ASTM C-501 (CS-17 Wheel)	30 mg loss
Service Temperature Mil-D-3134F	180-325 Degrees F. (Dry Heat)
Elongation	2.5%

CHEMICAL RESISTANCE

R-Recommended for intermittent immersion.

L- Limited recommendation, occasional spills

REAGENT	RATING	REAGENT	RATING
Acetic Acid 20%	R	Urea	R
Acetone	L	Bleach	L
Methylene Chloride	R	Citric Acid	R
Crude Oil	R	Skydrol	R
Diesel Fuel	R	Sodium Hydroxide-50%	R
Ethylene Glycol	R	Sulfuric Acid-98%	R
Fatty Acids	R	Toluene	R
Gasoline	R	Lactic Acid	R
Methyl Ethyl Ketone	L	Nitric Acid 20%	R
Hydrochloric Acid- 36%	R	Xylene	L

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More information

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