



Product Data Sheet

PRODUCT DESCRIPTION

70734/70735 is a two-component, 100% solids hybrid epoxy resin, designed to minimize the yellowing common to most 100% solids epoxies. Formulated for reducing ultra-violet degradation and excellent resistance to impact and abrasion. Has virtually no odor and can be used as a zero VOC alternative to chemical resistant urethane finish coats. Used primarily as a finish coat for NeoQuartz decorative flooring systems or as the primary wearing surface when applied to primed concrete. U.S.D.A. acceptable.

PRODUCT NUMBERS AND COLOR

Standard color is: 70734-00 Clear

For special colors consult NEOGARD®. A minimum order of 200 gallons per color is required.

CURED RESIN PERFORMANCE

Description	Test Method	Results
Compressive Strength	ASTM D695	11,000 psi
Tensile Strength	ASTM D638	8,000 psi
Elongation @ Break	ASTM D638	14%
Flexural Strength	ASTM D790	10,000 psi
Flexural Modulus	ASTM D790	400,000 psi
Modulus of Elasticity	ASTM D790	170,000 psi
Shore D	ASTM D2240	82
Adhesion	ASTM D4541	400 psi
Taber Abrasion	ASTM D4060	89 mg/1,000(cs17)
Water Resistance	ASTM D570	<2%
MVT @ 20 mils	ASTM E96	0.10 Perm
Flammability	ASTM D635	Pass

PRODUCT DATA

Description	Test Method	Results
Weight/Gal (mixed)	ASTM D1475	9.1 lbs/gal
Weight Solids (mixed)	ASTM D4209	100%
Volume Solids (mixed)	Calculated	100%
Viscosity (mixed)	ASTM D2196	500 cps
Flash Point	ASTM D3278	>205°F
VOC (mixed)	EPA Method 24	<10 g/L
Shelf Life		1 year
Pot Life @ 75°F		30 minutes
Thin Film Cure		12 to 16 hours
Full Cure @ 75°F		7 days
Light Traffic Use		24 hours
Mix Ratio 70734:70735		2:1 by volume

APPLICATION

70734/70735 can be used as a top coat and wearing surface on a variety of prepared substrates:

- Over epoxy primed concrete.
- Over trowelled resinous flooring.
- Over decorative floor systems.
- Over self-leveling systems.
- For interior use only.

HEALTH AND SAFETY

Read the Material Safety Data Sheet (MSDS) and container labels for detailed health and safety information. This product is intended for industrial use by properly trained professional applicators only.

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