



Product Data Sheet

PRODUCT DESCRIPTION

70714/70715 is a two-component, 100% solids epoxy resin. Near water clear and exhibits no amine blush when used in humid environments. Super low viscosity for deep penetration into concrete. Uniform wetting of filler aggregates. Excellent chemical and water resistance.

PRODUCT NUMBERS AND COLORS

Standard colors are: 70714-00 Clear
70714-02 Gray
70714-03 Tan
70714-04 Dark Gray
70714-05 Red
70714-06 Green
70714-11 Light Gray
70714-16 Black

For a special color consult NEOGARD®.

CURED FILM PERFORMANCE

Description	Test Method	Results
Tensile Strength	ASTM D638	3,700 psi
Elongation	ASTM D638	25%
Compressive Strength	ASTM D695	25,300 psi
Flexural Strength	ASTM D790	3,180 psi
Flexural Modulus	ASTM D790	57,700 psi
Water Resistance	ASTM D570	0.21%
MVT @ 10 Mils	ASTM E96	0.16
Taber Abrasion	ASTM D4060	25 mg/1,000(cs17)
Shore D	ASTM D2240	78
Adhesion	ASTM D4541	350 psi
Flammability	ASTM D635	Pass

The above tested results are typical values. Individual lots may vary up to 10% from the typical value.

PRODUCT DATA

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NEOGARD Div. of JONES-BLAIR

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Description	Test Method	Results
Weight/Gal (mixed)	ASTM D1475	8.8 lbs/gal
Weight Solids (mixed)	ASTM D4209	100%
Volume Solids (mixed)	Calculated	100%
Viscosity (mixed)	ASTM D2196	300 cps
VOC (mixed)	EPA Method 24	<10 g/L
Flash Point	ASTM D3278	>200°F
Shelf Life		1 year
Pot Life @ 70°F		30 minutes
Thin Film Cure @ 75°F		8 to 9 hours
Full Cure @ 75°F		7 days
Full Chemical Resistance		7 days
Mix Ratio 70714:70715		2:1 by volume

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APPLICATIONS

70714/70715 is designed for use on concrete substrates as a:

- High gloss, high build protective coating.
- Binder for self-smoothing pigmented and color quartz flooring.
- Low viscosity binder for trowel applied mortar flooring system.
- Highest quality primer for chemical resistant urethane top coats, NEOGARD waterproofing and flooring systems.
- Low viscosity for trowel applied mortar, patching material. Mix ratio 1 part mixed epoxy to 4 parts approved blended aggregates.
- Low viscosity binder for crack injection applications.

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.