



Product Data Sheet

PRODUCT DESCRIPTION

70714/70715-09 is a two-component, general purpose, 100% solids epoxy resin, designed as a high strength material for use as an overlayment, coating or as a high strength dustproofener over concrete substrates. It has good chemical resistance and cures to a high gloss when used as a final topcoat.

PRODUCT NUMBERS AND COLORS

Standard colors are:

- 70714 Clear
- 70714-01 White
- 70714-02 Gray
- 70714-03 Tan
- 70714-04 Dark Gray
- 70714-05 Red
- 70714-06 Green
- 70714-11 Light Gray
- 70714-16 Black

For special color consult NEOGARD®.

CURED FILM PERFORMANCE

Description	Test Method	Results
Tensile Strength	ASTM D638	2,000 psi
Elongation	ASTM D638	40%
Compressive Strength	ASTM D695	15,000 psi
Flexural Strength	ASTM D790	1,900 psi
Flexural Modulus	ASTM D790	62,000 psi
Water Resistance	ASTM D570	0.17%
MVT @ 10 Mils	ASTM E96	0.18 Perm
Taber Abrasion	ASTM D4060	61 mg/1,000(cs17)
Shore D	ASTM D2240	77
Adhesion	ASTM D4541	400 psi
Impact Flexibility	ASTM D6905-03	Pass @ 120 in/lb
Flammability	ASTM D635	Pass

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

PRODUCT DATA

Description	Test Method	Results
Weight/Gal (mixed)	ASTM D1475	8.81 lbs/gal
Weight Solids (mixed)	ASTM D4209	100%
Volume Solids (mixed)	Calculated	100%
Viscosity (mixed)	ASTM D2196	1,250 cps
VOC (mixed)	EPA Method 24	< 5 g/L
Flash Point	ASTM D3278	>200°F
Shelf Life		1 year
Pot Life @ 70°F		60 minutes
Thin Film Cure @ 75°F		8 to 9 hours
Full Cure @ 75°F		7 days
Full Chemical Resistance		7 days
Mix Ratio 70714:70715-09		2:1 by volume

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APPLICATIONS

70714/70715-09 is designed for use on both damp (no standing water) and dry 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.

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