

Product Data Sheet

70714/70715-09 — 2K General Purpose Epoxy
45062: Base 45069 : Curing Agent 95075



Description: 70714/70715-09 (Hempel 45069/95075) is a two-component, general purpose, 100% solids epoxy resin.

Recommended use: Applications over concrete include: High strength overlayment; high-strength dustproofer; high-gloss, high-build protective coating; binder for self-smoothing pigmented and color quartz flooring; low-viscosity binder for trowel-applied mortar flooring systems; high-quality primer for chemical resistant urethane top coats, and/or NEOGARD® waterproofing and flooring systems; low-viscosity binder for trowel-applied mortar and/or patching material; low viscosity binder for crack injection.

Features: Meets South Coast Air Quality Management District (SCAQMD) VOC requirements.

Certificates/approvals: LEED: MRc5, IEQc4.2
Conforms to EU regulations for Marine Equipment as a low flame spread material when used as part of a predefined paint system. Refer to the Declaration of Conformity at www.hempel.com for more information.

Availability: Available in North America. Not included in Group Assortment; other regions must confirm.

Colors and packaging:

70714 (4506900000)	Clear	15- and 3-gallon kits
70714-01 (4506916640)	White	15- and 3-gallon kits
70714-02 (4506916650)	Gray	15- and 3-gallon kits
70714-03 (4506923820)	Tan	15- and 3-gallon kits
70714-04 (4506916670)	Dark Gray	15- and 3-gallon kits
70714-05 (4506957930)	Tile Red	15- and 3-gallon kits
70714-11 (4506916660)	Light Gray	15- and 3-gallon kits
70714-16 (4506919990)	Black	15- and 3-gallon kits
70714-06 (4506949890)	Green	3-gallon kits
70715-09 (9507500000)	NA	Curing agent, included in kits

Some standard colors and/or packaging may have extended lead times and/or minimum quantities. Contact NEOGARD® for additional colors.

Physical constants:

Tensile Strength	2,000 psi	ASTM D638
Elongation	40%	ASTM D638
Compressive Strength	15,000 psi	ASTM D695
Flexural Strength	1,900 psi	ASTM D790
Flexural Modulus	62,000 psi	ASTM D790
Water Resistance	0.17%	ASTM D570
MVT @ 10 Mils	0.18 Perm	ASTM E96
Shore D	77	ASTM D2240
Adhesion	400 psi	ASTM D4541
Impact Flexibility	Pass @ 120 in/lb	ASTM D6905-03
Flammability	Pass	ASTM D635
Taber Abrasion	61 mg/1,000 CS-17	ASTM D4060
Weight/Gal (mixed)	8.81 lbs/gal	ASTM D1475
Weight Solids (mixed)	100%	ASTM D4209
Volume Solids (mixed)	100%	Calculated
Viscosity (mixed)	1,250 cps	ASTM D2196
VOC (mixed)	< 5 g/L	EPA Method 24
Flash Point	>200°F	ASTM D3278
Shelf Life	1 year	
Thin Film Cure @ 75°F (23°C)	8–9 hours	
Full Cure @ 75°F (23°C)	7 days	
Full Chemical Resistance	7 days	

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The above tested results are typical values. Individual lots may vary up to 10% from the typical value. Further technical information can be found at www.neogard.com.

Application details:

Version, mixed product	45062
Mixing ratio:	Base 45069 : Curing Agent 95079 2 : 1 by volume
Mixing instructions:	Pre-mix base for 3–5 minutes before adding curing agent. Mix for a minimum of 5 minutes before applying. Jiffy Mixer paddle recommended.
Application method:	Roller or squeegee
Thinner (max.vol.):	7055 Odorless Reducer (086JB) or HEMPEL'S THINNER 08080 (xylene) (10%)
Pot life:	25 minutes at 70°F (21°C)
Cleaning of tools:	7055 Odorless Reducer (086JB) or HEMPEL'S THINNER 08080 (xylene)
Safety:	Handle with care. Use with adequate ventilation. Before and during use, observe all safety labels on packaging and paint containers, consult NEOGARD® Safety Data Sheets and follow all local or national safety regulations.
Surface preparation:	According to NEOGARD® Guide Specifications.
Application conditions:	Ambient temperature must be between 50°F (10°C) and 85°F (29°C), and a minimum of 5°F (3°C) above dew point.
Preceding coat:	According to NEOGARD® Guide Specifications.
Subsequent coat:	According to NEOGARD® Guide Specifications.
Storage temperature:	Store in a cool area to ensure full shelf life. Recommended temperature: 70°F (21°C).

Note: **70714/70715-09 (45062) is for professional use only.**

Issued by: Hempel (USA) – 45062

This Product Data Sheet supersedes those previously issued.

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