

Product Data Sheet

70718/70719 — Flexible Epoxy

25000: Base 25009 : Curing Agent 95048



Description:	70718/70719 (Hempel 25000) is a two-component high solids, flexible, semi-rigid, stress-relieving epoxy hybrid joint filler.
Recommended use:	Applications include: Semi-rigid high strength joint compound; binder for patching spalled concrete to prevent further deterioration of the concrete; topping for high impact resistance..
Features:	Meets South Coast Air Quality Management District (SCAQMD) VOC requirements
Certificates/approvals:	LEED: MRc5, IEQc4.2
Availability:	Available in North America. Not included in Group Assortment; other regions must confirm.

Colors and packaging:

70718-02 (2500916650)	Gray	3-gallon kit
70719 (9504800000)	NA	

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

Physical constants:

Tensile Strength	2,100 psi	ASTM D412
Elongation @ Break	90%	ASTM D412
Permanent Set	<20%	ASTM D412
Tear Resistance	100 pli	ASTM D1004
Water Resistance	2% @ 7 days	ASTM D471
MVT @ 20 mils	0.2 English	ASTM E96
Shore A Hardness	95	ASTM D2240
Shore D	47	ASTM D2240
Adhesion	650 psi	ASTM D4541
Flammability	Pass	ASTM D635
Taber Abrasion	15 mg/1,000 cycles CS-17	ASTM D4060
Weight/Gallon (mixed)	9.05 lbs/gal	ASTM D1475
Weight Solids (mixed)	99% @ 12 hours	ASTM C1250
Volume Solids (mixed)	99%	Calculated
Viscosity (mixed)	11,500 cps	ASTM D2196
Flash Point	250°F+ (122°C+)	ASTM D3278
VOC (mixed)	2.3 g/L	EPA Method 24
Shelf Life	1 year	
Set Time	6 hours	

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	25000
Mixing ratio:	Base 25009 : Curing Agent 95048 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
Thinner (max.vol.):	7055 Odorless Reducer (086JB) or HEMPEL'S THINNER 08080 (xylene) (10%)
Pot life:	70 minutes at 75°F (23°C)
Cleaning of tools:	7055 Odorless Reducer (086JB) or HEMPEL'S THINNER 08080 (xylene)

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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: **70718/70719 is for professional use only.**

Issued by: Hempel (USA) – 25000

This Product Data Sheet supersedes those previously issued.

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