

Product Data Sheet

70613-CA (476JB)

Aromatic Roofing Urethane, SCAQMD-Compliant



Description: 70613-CA (Hempel 476JB) is a single-component, moisture-cured, aromatic polyurethane.

Recommended use: As weather-protective topcoats for polyurethane foam, concrete, metal and single-ply roof systems, and as a base coat for metal roofs.

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

Certificates/approvals: LEED: MRc5, SSc7.2
CRRC: 0720-0003
UL: TGFU.R6034

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

Colors and packaging:

70613-CA (476JB16640)	White	55- and 5-gallon
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Physical constants:

Tensile Strength	1,500 psi	ASTM D412
Elongation	360%	ASTM D412
Permanent Set	<10%	ASTM D412
Tear Resistance	100 lb/in	ASTM D1004
Water Resistance	<3%	ASTM D471
Shore A	70–75	ASTM D2240
Weight/Gallon	11.2 lbs/gal	ASTM D1475
Weight Solids	80%	ASTM D4209
Volume Solids	75%	Calculated
VOC	47 g/L	EPA Method 24
Flash Point	78°F (25°C)	ASTM D3278
Pot Life	8 hours	
Shelf Life	1 year	
Cure Time at 75°F (23°C) and 50% relative humidity	24 hours	RH TT-S-00230A

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:

Application method: Roller or spray (contact Neogard for spray equipment information)
Thinner (max.vol.): Acetone (10%)
Mixing: Mix for 3–5 minutes before applying
Cleaning of tools: Acetone

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: Substrate temperature must be above 40°F (5°C) and/or below 100°F (37°C), and more than 5°F (3°C) above the dewpoint and rising.

Preceding coat: According to Neogard Guide Specifications.

Subsequent coat: According to Neogard Guide Specifications.

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Accelerators and additives: 7922 (990JB00000): Vertical additive, enhances sag resistance.
7931 (9905500000): Fast accelerator for use in low humidity environments.
7986 (994JB00000): Odor mask, synthetic vanilla scent.
7987 (995JB00000): Odor mask, orange scent.

Storage temperature: Store in a cool area to ensure full shelf life. Recommended temperature: 75°F (23°C).

Remarks: May chalk when exposed to UV. Product is sensitive to moisture; not recommended for constant immersion. Concrete must have a full 28 day cure period prior to coating. Not compatible with asphaltic compounds. Not for use with insulating concrete such as Zonolite, Vermiculite, Perlite, etc. Not for use over aluminized coated roofs.

Note: 70613-CA is for professional use only.

Issued by: Hempel (USA) – 476JB

This Product Data Sheet supersedes those previously issued.

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2728 Empire Central - Dallas, Texas 75235 - Phone (214) 353-1600 - Fax (214) 357-7532 - www.neogard.com