

Product Data Sheet

70620 (473JB)

Aromatic Roofing Urethane



Description: 70620 (Hempel 473JB) is a single-component, moisture-cured, fire retardant, aromatic polyurethane.

Recommended use: As a base coat for polyurethane foam, concrete, and single-ply roof systems.

Certificates/approvals: LEED: MRc5
UL: TGFU.R6034
Miami-Dade: NOA No.: 16-0322.27
Factory Mutual: Class A

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

Colors and packaging:

70620 (473JB16670) Dark Gray 55- and 5-gallon

Physical constants:

Tensile Strength	643 psi	ASTM D412
Elongation	620%	ASTM D412
Permanent Set	5%	ASTM D412
Tear Resistance	2.205 (lbs-force)	ASTM D1004
Water Resistance	<3% @ 7 days	ASTM D471
Shore A	65–71	ASTM D2240
Adhesion to Foam	18.24 lbs/in	ASTM D903
Recoat Time @ 75°F (23°C), 50% relative humidity	5 hours (25 mils WFT)	Calculated
Weight/Gallon	10.38 lbs/gal	ASTM D1475
Weight Solids	81%	ASTM D2369
Volume Solids	77%	Calculated
VOC	205 g/L	ASTM D3960
Flash Point	127°F (52°C)	ASTM D56
Shelf Life	1 year	

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.): 7055 Odorless Reducer (086JB) or Hempel's Thinner 08080 (xylene) (10%)
Mixing: Mix for a minimum of 3–5 minutes before applying
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.

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.

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.

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Storage temperature:

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

Remarks:

Not resistant to UV; not intended as a topcoat. 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:

70620 is for professional use only.

Issued by:

Hempel (USA) – 473JB

This Product Data Sheet supersedes those previously issued.

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