Product Data Sheet

70630 (473JB) **Aromatic Roofing Urethane**



Description: 70630 (Hempel 473JB) is a single-component, moisture-cured, fire retardant, aromatic

polyurethane.

Recommended use: As an intermediate coat on polyurethane foam, concrete, and single-ply roof systems, and as a

base coat for metal roofs.

Certificates/approvals: LEED: MRc5, SSc7.2

> CRRC: 0720-0006 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:

70630 (473JB16640) White 55- and 5-gallon

Physical constants:

Tensile Strength 1,022 psi ASTM D412 Elongation 539% ASTM D412 Permanent Set <5% ASTM D412 Tear Resistance 1.35 (lbs-force) **ASTM D1004** Water Resistance <3% at 7 days ASTM D471 Shore A Hardness 70-75 **ASTM D2240** 7.5 mg/1,000 CS-17 **Taber Abrasion ASTM 4060** 10.29 lbs/in Adhesion to 70620 ASTM D903 5 hours at 25 mils WFT Calculated

Recoat Time at 75°F (24°C), 50%

relative humidity

Weight/Gallon 10.66 lbs/gal **ASTM D1475** Weight Solids **ASTM D2369** 84% Volume Solids 74% Calculated VOC 236 g/L **ASTM D3960** Flash Point 108°F (42°C) ASTM D56

Shelf Life at 70-90°F (21-32°C) 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

7055 Odorless Reducer (086JB) or Hempel's Thinner 08080 (xylene) Cleaning of tools:

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.

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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,

and others.

Note: 70630 is for professional use only.

Issued by: Hempel (USA) – 473JB

This Product Data Sheet supersedes those previously issued.

Manufacturer warrants that the physical properties of the product reported above will meet the standards and deviations of the associated ASTM test method.

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