

# Product Data Sheet

70611 Series (475JB)

Aromatic Roofing Urethane



<b>Description:</b>	70611 series (Hempel 475JB) is a single-component, moisture-cured, aromatic polyurethane.
<b>Recommended use:</b>	As a protective topcoat for polyurethane foam, concrete, metal, and single-ply roof systems, and as a base coat for metal roof systems.
<b>Certificates/approvals:</b>	LEED: MRc5, SSc7.2 (70613 only) Energy Star Certified (70613 only) CRRC: 0720-0003 (70613 only) UL: TGFU.R6034 (all versions) Miami-Dade: NOA No.: 16-0222.02 (all versions); NOA No.: 16-0322.27 (70611 only)
<b>Availability:</b>	Available in North America. Not included in Group Assortment; other regions must confirm.

## Colors and packaging:

70611 (475JB16650)	Light Gray	55- and 5-gallon
70612 (475JB23820)	Tan	55- and 5-gallon
70613 (475JB16640)	White	55- and 5-gallon

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

## 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
MVT at 30 mils	2.2 English	ASTM E96
Taber abrasion	45 mg/1,000 CS-17	ASTM D4060
Shore A	70–75	ASTM D2240
Fire resistance	Pass (as part of a system)	ASTM E108
Weight/gal	10.5 lbs/gal	ASTM D1475
Weight solids	83%	ASTM D4209
Volume solids	75%	Calculated
VOC	220 g/L	EPA Method 24
Flash point	109°F/42°C	ASTM D3278
Shelf life	1 year	
Cure time at 75°F/23°C and 50% relative humidity	24 hours	TT-S-0023OA

*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](http://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 3–5 minutes before applying
Pot life:	8 hours at 75°F/23°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.

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<b>Application conditions:</b>	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.
<b>Preceding coat:</b>	According to Neogard Guide Specifications.
<b>Subsequent coat:</b>	According to Neogard Guide Specifications.
<b>Accelerators and additives:</b>	7922 (990JB00000): Vertical additive, enhances sag resistance. 7986 (994JB00000): Odor mask, synthetic vanilla scent. 7987 (995JB00000): Odor mask, orange scent.
<b>Storage temperature:</b>	Store in a cool area to ensure full shelf life. Recommended temperature: 75°F/23°C.
<b>Remarks:</b>	Product may yellow or discolor when exposed to UV light. 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:** **70611 Series is for professional use only.**

**Issued by:** Hempel (USA) – 475JB

This Product Data Sheet (“PDS”) relates to the supplied product (“Product”) and is subject to update from time-to-time. Accordingly, the buyer/applicator should refer to the PDS current as of the time of delivery. In addition to the PDS, the buyer/applicator may receive some or all of the specifications, statements and/or guidelines listed below or available at [www.neogard.com](http://www.neogard.com) (the “Additional Documents”):

No.	Document Description
1	PDS
2	Guide Specification
3	Application Manual
4	Other Technical Support Information (i.e. summary application tables, troubleshooting guides, maintenance manuals, chemical resistance charts and other technical information )

In the event of a conflict between this PDS and the Additional Documents, the conflict shall be resolved in accordance with the order of priority set forth above. In addition, the buyer/applicator should refer to the relevant Safety Data Sheet current as of the time of delivery and available at [www.neogard.com](http://www.neogard.com). Buyer/applicator is responsible for determining the suitability of the intended use of the Product, and Neogard disclaims all responsibility for any use, handling and storage of the Product that is not in accordance with the requirements set forth in the relevant PDS and the Additional Documents. The terms and provisions hereof apply to this PDS, the Additional Documents and any other documents supplied by Neogard in respect of the Product. The Product is supplied and all technical assistance is given subject to the General Conditions of Sale of Hempel Products and/or Services available at [www.hempel.com](http://www.hempel.com). NEOGARD MAKES NO OTHER WARRANTY THAT EXTENDS BEYOND THE WARRANTY REFERENCED THEREIN INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OR CONDITIONS OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. NEOGARD WILL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY OR CONDITION, OR THAT IN ANY WAY ARISE IN RELATION TO THE PRODUCT. 70611-PDS ksk 09302021.docx

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