

Product Data Sheet

70690 (47CJB)

Aromatic Urethane Roofing Mastic



Description: 70690 (Hempel 47CJB) is a single-component, moisture-cured, aromatic polyurethane mastic.

Recommended use: For repairs and detailing on polyurethane foam, concrete, metal, modified bitumen, and single-ply roof systems.

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

Colors and packaging:

70690 (47CJB16640) White 3-gallon pail

Physical constants:

Tensile strength	515 psi	ASTM D412
Elongation	510%	ASTM D412
Permanent set	6.25%	ASTM D412
Tear resistance	0.44 lbs	ASTM D1004
Water resistance	3.7% at 7 days	ASTM D471
Shore A	57	ASTM D2240
Weight/gallon	10.77 lb/gal	ASTM D1475
Weight solids	87.09	ASTM D2369
Volume solids	75.3	Calculated
VOC	210g/L	ASTM D3960
Flash point	220°F (104°C)	ASTM D56
Cure time	24 hours	
Shelf life at 70–90°F (21–32°C)	6 months	

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: Knife, roller, gun, or other appropriate tools/methods

Thinner (max.vol.): 7055 Odorless Reducer (086JB) or Hempel's Thinner 08080 (xylene) (10%)

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.

Application conditions: Substrate temperature must be above 50°F (10°C) and/or below 110°F (43°C), and more than 5°F (3°C) above the dew point and rising. Maximum relative humidity: 80%.

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.

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

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Note: **70690 is for professional use only.**

Issued by: Hempel (USA) – 47CJB

This Product Data Sheet supersedes those previously issued.

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