

# Urethane Roofing Mastic

Single Component, Moisture-cured,  
Aromatic Polyurethane Roof Mastic

## Product Description

Neogard<sup>®</sup> Urethane Roof Mastic (70690), is designed for use in repairs and detailing on polyurethane foam, concrete, metal, modified bitumen and single-ply roof systems.

Neogard Urethane Roof Mastic is designed to replace asphaltic and acrylic based roofing mastic for difficult repairs.

It offers significantly superior adhesion to virtually all substrates. 515 PSI tensile and 510% elongation properties creates a very strong patch and repair that eliminates the need for reinforcing fabric.

The high solids urethane can withstand significant rainfall within one-to-two hours of application without impacting physical properties.

Urethane Roof Mastic can be placed at significant thickness (+-1/4") without being concerned about blistering, and can be applied using a 733/833 Graco airless for production.

## Uses

- ✓ Seal, patch & flash
- ✓ Polyurethane foam roofs
- ✓ Structural concrete roof decks and canopies
- ✓ Existing metal roofs
- ✓ Existing single-ply roofs
- ✓ Modified bitumen roofs



## Benefits

- ✓ Ease of application
- ✓ UV stable performance
- ✓ No fabric reinforcement needed
- ✓ More cost effective when compared to a 3-course solution
- ✓ Less labor intensive installation
- ✓ Pump, spray, roller or brush application

## Cured Properties

Description	Test Method	Results
Tensile Strength	ASTM D412	515 psi
Elongation	ASTM D412	510%
Permanent Set	ASTM D412	6.25%
Tear Resistance	ASTM D1004	0.44 lbs
Water Resistance	ASTM D471	3.7% at 7 days
Store A Hardness	ASTM D2240	57



## Product Color & Packaging

Product Number	Color	Packaging
70690	White	3 gallon pail

## Product Data

Description	Test Method	Results
Weight/Gallon	ASTM D1475	1.77 lb/gal
Weight Solids	ASTM D2369	87.09
Volume Solids	Calculated	75.3
VOC	ASTM D3960	210 g/L
Flash Point	ASTM D56	220°F (104°C)
Cure Time		24 hours
Shelf Life		12 months at 70-90°F (21-32°C)

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).



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