

# NEOGARD

## 70611 ELASTOMERIC POLYURETHANE COATING

# PRODUCT DATA SHEET

### PRODUCT DESCRIPTION

70611 is a single component moisture-cured, aromatic, polyurethane coating designed as a weather protective coating for a wide variety of roof systems including spray-applied polyurethane foam, single ply membranes and built-up roofs.

### PRODUCT NUMBERS AND COLORS

Standard colors are:

70611 - Gray                      70612 - Tan  
70613 - White

### CURED FILM PERFORMANCE

<u>Description</u>	<u>Test Method</u>	<u>Results</u>
Tensile Strength, min. PSI	ASTM D 412	1,500 PSI
Elongation at break, % at 75°F (23.9°C)	ASTM D 412	360%
Permanent Set at break	ASTM D 412	<10%
Peel Adhesion to Foam	ASTM D 903	15 lbs./in.
Moisture Vapor Trans. English Perms	ASTM E 96 Procedure B	2.2 perms @ 30 mils
Tear Resistance, Die C	ASTM D 1004	140 lbs./in.
Hardness Shore A	ASTM D 2240	70-75
Resistance to Water % max. change in weight after 7 days immersion	ASTM D 471	<3%
Weathering Resistance	ASTM D822	Slight Chalk
Abrasion Resistance @ 1000 Rev-CS-17 Wheels	C501 Taber Abrasion	<45 mg loss

### PRODUCT DATA

<u>Description</u>	<u>Test Method</u>	<u>Results</u>
Viscosity, Krebs Unit	ASTM D 562	100-115
Weight - lbs./gal.	ASTM D 1475	10.5 lbs.
Weight Solids	ASTM D 1353	83%
Volume Solids	Calculated	76%
Flash Point	ASTM D 1310	110°F
Red Label		No
VOC -		1.83 lbs./gal.
Pot Life -		8 Hrs.
Shelf Life -		1 year
Cure Time @ 75°F, and 50% R.H.	TT-S-00230A	24 Hrs

### SAFETY

This product contains flammable aromatic solvents. Excessive contact with bare skin should be avoided. It is good practice to wear gloves and to guard against splashing the coating or solvent. Inhalation of fumes or vapor should be avoided. Use a NIOSH/MSHA approved respirator.

Thinning of materials is not required under normal application conditions. However, if required, thin material with Xylene. Never thin more than 10% without consulting Neogard. Xylene should be used for cleaning equipment.

For surface preparation and application instructions, refer to Neogard Guide Specifications.

### STORAGE

Every precaution should be taken to prevent fire. Drums and cans of coatings and solvents should be stored in a cool (75°F) area safe from fire exposure. When specified on container, protect materials from freezing. Open containers, the liquid coating, its fumes and vapor must be kept away from any source of ignition, heat, sparks, arcing switches, open flames, including pilot lights, cutting torches and all tools that could cause sparks. Do not smoke. Use explosion proof equipment. Foam or dry powder fire extinguishers should be placed where they can be quickly and safely reached in case of fire.

### FIRE RATINGS

70611 polyurethane coating was tested in a composite roofing system by Underwriters Laboratories, Inc. for the resistance of roof covering materials. For specific classifications, consult Underwriters Laboratories Building Materials Directory.

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