

**Product Data Sheet****PRODUCT DESCRIPTION**

70620-BIO is a single component moisture-cured, aromatic, biobased polyurethane coating designed for use as a base coat for polyurethane foam and direct bond roofing systems. This product qualifies as a USDA BioPreferred product for Federal preferred procurement (www.biopreferred.gov).

PRODUCT COLOR

Standard color is: Gray

CURED FILM PERFORMANCE

Description	Test Method	Results
Tensile Strength	ASTM D412	800 psi
Elongation	ASTM D412	190%
Permanent Set	ASTM D412	3.1%
Tear Resistance (Die C)	ASTM D1004	130 lbf/in
Water Resistance	ASTM D471	1.2%
MTV @ 8 Mils	ASTM E96	2.0 English Perm
Shore A	ASTM D2240	83
Adhesion to Foam	ASTM D903	3.1 pli

The above tested results are typical values. Individual lots may vary up to 10% from the typical value.

PRODUCT DATA

Description	Test Method	Results
Biobased Content	ASTM D6866	36%
Weight/Gal	ASTM D1475	11.2 lbs/gal
Weight Solids	ASTM D1353	85%
Volume Solids	Calculated	77%
VOC	EPA Method 24	204 g/L
Viscosity	ASTM D562	120 KU
Flash Point	ASTM D1310	109°F

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Description	Test Method	Results
Recoat Window		1 - 5 days
Storage		Protected

The above tested results are typical values. Individual lots may vary up to 10% from the typical value.

MIXING

Read container labels, MSDS and application instructions prior to mixing. Mix 55 gallon drums and 5 gallon pails with a variable speed drill utilizing a jiffy mixer to suspend any settled pigment and attain a uniform color. Time will vary depending on temperature conditions.

FIRE RATING

70620-BIO was tested in a composite roofing system according to ASTM E108 and passed the spread of flame test with a Class A Fire Rating. Contact NEOGARD for specifics.

STORAGE

Containers of polyurethane coating should be stored in a cool (70°F) area to insure long shelf life. To prevent container rupture due to very high temperature, keep away from heat and/or open flames.

HEALTH AND SAFETY

Read the Material Safety Data Sheet (MSDS) and container labels for detailed health and safety information. This product is intended for industrial use by properly trained professional applicators only.