

NEOGARD

7490-01 ALIPHATIC POLYURETHANE ROOF COATING

PRODUCT DATA SHEET

PRODUCT DESCRIPTION

7490-01 is a single component, aliphatic polyurethane coating designed for use as a weather protective topcoat for direct bond and polyurethane foam roofing systems.

PRODUCT NUMBERS AND COLORS

Standard color is: 7490-01 White

CURED FILM PERFORMANCE

<i>Description</i>	<i>Test Method</i>	<i>Results</i>
Tensile Strength	ASTM D412	3,500 psi
Elongation	ASTM D412	200%
Permanent Set	ASTM D412	<15%
Tear Resistance	ASTM D1004	400 pli
Water Resistance	ASTM D471	2.2%
MVT @ 30 Mils	ASTM E96	1.48
Taber Abrasion @ 1000 rev cs17	ASTM D4060	20 mg
Shore A	ASTM D2240	92
Adhesion	ASTM D4541	400 psi

PRODUCT DATA

<i>Description</i>	<i>Test Method</i>	<i>Results</i>
Viscosity	ASTM D562	115 KU
Weight/Gal	ASTM D1475	11.4 lbs
Weight Solids	ASTM D4209	82%
Volume Solids	Calculated	74%
Flash Point	ASTM D3278	85° F
VOC	EPA Method 24	247 g/l
Red Label		Yes
Pot Life		6 - 8 hrs
Shelf Life		1 Year

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. A 1:1 mix by volume of Xylene and M.E.K. 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.

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NEOGARD

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