

70620

Aromatic Urethane Base Coat

Data sheet

PRODUCT DESCRIPTION

70620 is a single component, moisture cured, fire retardant, aromatic polyurethane base coat for a wide variety of roof substrates including concrete, sprayapplied polyurethane foam, single ply membranes, metal panels, granulated cap sheet and smooth surfaced built-up roofs.

SYSTEM DESIGN

This product is a component of Al-Koat by NEOGARD® Fluid-Applied Roof Coating systems.

USES

- Roofing
- Canopies
- Eyebrows

LIMITATIONS

- 70620 cures by reacting with moisture in the air. Partially used containers should not be left open and exposed to air.
- Substrates must be clean and dry.
- Special precautions may need to be taken when ambient and/or substrate temperatures are approaching, at, or above 110°F . Do not apply when substrate temperature is below 40°F (4°C).
- Use with adequate ventilation.

PRODUCT NUMBER, COLOR & PACKAGING

Standard colors: 70620 Dark Gray
Packaging: 5 & 55 gallon containers

APPLICATION INSTRUCTIONS

Al-Koat by NEOGARD® products are to be installed in accordance with instructions in the Al-Koat by NEOGARD® Fluid-Applied Roofing Coating Application Manual.

MIXING AND THINNING

Read product labels and application instructions prior to use. Mix 5 gallon pails and 55 gallon drums 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. Al-Koat by NEOGARD® products are formulated to be installed as manufactured, without thinning. However, if thinning is required, do not thin material more than 10%. See compatible thinners and additional mixing instructions in the Al-Koat by NEOGARD® Fluid-Applied Roof Coating Application Manual or contact Al-Koat by NEOGARD®.

CURED PROPERTIES

Physical Properties	Test Method	Results
Tensile Strength	ASTM D412	643 psi
Elongation	ASTM D412	620%
Permanent Set	ASTM D412	5%
Tear Resistance	ASTM D1004	2.205 (lbs-force)
Water Resistance	ASTM D471	<3% @ 7 days
Shore A Hardness	ASTM D2240	65 - 71
Recoat Time @ 75F, 50% RH (25 mils WTF)	Calculated	5 hours
Adhesion to Foam	ASTM D903	18.24 lbs/in

PRODUCT DATA

Description	Test Method	Results
Weight/Gal	ASTM D1475	10.38 lbs/gal
Weight Solids	ASTM D2369	81%
Volume Solids	Calculated	77%
VOC	ASTM D3960	205 g/L
Flash Point	ASTM D56	127° F
Shelf Life		1 year

AL-KOAT^{MR}

IMPERMEABILIZANTES

ADDITIVES

The following products may be used with 70620. See further information at www.neogard.com or contact Al-Koat by NEOGARD®.

Product No.	Description	Use
7986	Odor Mask	Synthetic Vanilla used to mask less pleasant odors
7987	Synthetic Orange	Used to mask less pleasant odors
7922	Vertical Additive	Enhances sag resistance
7923	Accelerator	Standard accelerator for single component urethanes
7931	Fast Accelerator	Accelerator for use in low-humidity applications

STORAGE AND HANDLING

Containers of 70620 should be stored between 70° F and 90° F to ensure full shelf life. Keep containers closed. Keep away from sources of ignition. To prevent container rupture due to very high temperature, keep away from heat and/or open flames.

CLEAN UP

Clean tools and equipment with aromatic solvents such as 20653 Xylene Thinner or 7055 Odorless Reducer.

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.

CREDENTIALS

