



APPLICATION TECHNIQUES



DESCRIPTION

ALCO 269 Plus is UL approved and formulated from choice asphalts, solvents and fillers. It is processed to a creamy smooth consistency for ease of application. This material is specifically designed as a cold process adhesive for adhering SBS modified membrane. When cured, its bonding strength becomes as tough and elastomeric as the membrane itself.

USE

- Adheres SBS Modified Bitumen membranes - base and ply sheets
- Excellent conventional adhesive for BUR ply sheets and granulated cap sheets

ADVANTAGES

- Easy Application
- Multi-purpose adhesive
- UL approved
- Ready to use from the container
- Elastomeric – moves with substrate
- Excellent resistance to water and weather



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PREPARATION

Surface to be adhered should be clean, dry and free from oil, grease, dirt or any debris that will inhibit bonding capabilities

APPLICATION

Stir material before use. Material can be brushed or notch squeegeed. The adhesive sets by the evaporation of the solvent. Therefore, the adhesive should be allowed to cure for 5 – 15 minutes before membrane application for maximum adhesion. Temperature at time of application should be above 40° F. and membrane temperatures should not exceed 140° F.

Starting at the low end of the roof, apply material to the substrate 3" – 4" wider than the roll. Unroll membrane in the set adhesive, making sure that it is laying flat. At the end laps, overlap 6" ensuring that the adhesive oozes out to bond at the end laps. Continue application making sure the membrane overlaps 4" at the side lap line.

Roll all side laps and end laps, making sure a sufficient amount of adhesive is applied to the laps so that a visible bead of adhesive is present at the lap edges. Repeat above steps until roof surface is covered.

APPROXIMATE COVERAGE

1.5 – 2 Gallon/100 SF

SPECIFICATION

ASTM D-3019, Type III

VOC

Not to Exceed: 500 g/L 4.0 Lbs/Gal

FOR OUTDOOR USE ONLY

DO NOT THIN THIS PRODUCT

SECURE COVER WHEN NOT IN USE

PACKAGING

5 Gallon Pail 36/Pallet

LIMITATIONS

- Do not use on wood
- For professional use only
- Do not use with APP Torch Applied Modified Membranes
- Do not use on slopes greater than 1.5" with a 12" rise
- Do not use on surfaces previously coated with Coal Tar
- May not be compatible with some one-ply roof systems. Check with manufacturer of roof system before application.

PROPERTIES

Flash Point (ASTM D-93):	100° F. Minimum
Weight per Gallon (Approximate):	7.74 Lbs
Brookfield Viscosity @ 110° F: (#5 Spindle @ 2- RPM)	2000 – 3000 cps

PROPERTIES (continued)

Non-Volatile:	70% +
Percent of Asphalt:	70% +
Film Thickness of 100 SF/Gallon: (less absorption by surface)	1/64"
Tack Time (Optimum weather):	30 – 60 Minutes
Total Cure Time:	30 Days (Approx)
Service Temperature:	40° to 150° F.
Resistance to Solvents:	Poor
Resistance to Sunlight:	Good
Resistance to Chemicals:	Good
Effect of Weathering:	Slight Chalking
Resistance to Water: Not intended for use below grade where hydrostatic pressure exists	

ASTM Requirements:

Strength of lap at indicated age, Lbs/In Width:

	ASTM	269 PLUS
At 60 Minutes	8.0 #	28 #
At 24 Hours	17.0 #	117 #

FOR FURTHER SAFETY INFORMATION SEE MSDS REGARDING THIS PRODUCT

PRECAUTIONS

Caution Combustible - Contains Petroleum Distillates

Hazard Rating: Health – 1 Fire – 2 Reactivity – 0
(0 = Least; 4 = Extreme)

Respiratory: Use with adequate ventilation. Inhalation of high vapor concentration may cause headaches and/or dizziness. NIOSH/MSHA Approved Respirators required if TLV is exceeded.

Personal Protection: Avoid prolonged or repeated contact with skin, which may cause irritation. Wear chemical resistant gloves. Do not get in eyes; wear protective goggles. Wear protective clothing if needed. Do not take internally.

Fire Protection: Keep away from heat, open flame and any source of ignition.

FIRST AID

Eye Contact – Rinse immediately with water for 15 minutes and seek medical advice.

Skin Contact – Wash thoroughly with soap and water.

Inhalation – Remove individual to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration; get medical attention and keep victim warm.

Ingestion – Do not induce vomiting. Get medical attention immediately.

Waste Disposal – Seal container when not in use. Empty containers must be disposed in an approved landfill in accordance with local, state and Federal regulations.

KEEP OUT OF REACH OF CHILDREN!