ALSAN 2K PRIMER

Alsan 2K Primer Component A — Order No. D31150
Alsan 2K Primer Component B — Order No. D31250

DESCRIPTION & APPLICATION

Alsan 2K Primer is a high performance, low odor, two-component polyurethane primer resin used in Soprema liquid-applied membrane system applications.

PRODUCT USES:
Alsan 2K Primer can be used as a priming agent for Soprema liquid membrane and flashing applications, including Alsan RS PMMA products.

COLOR:
Alsan 2K Primer is supplied in a translucent, cloudy base color.

VOC:
Alsan 2K Primer maximum content 198.36 g/L as applied.

PACKAGING:
Alsan 2K Primer is supplied in two components - a one gallon can (holding 0.8 gallons of Component A) and a 2 gallon can (holding 1.2 gallons of Component B).

STORAGE:
Shelf life: 12 months in original unopened containers. Always store closed containers in cool, ventilated and dry location away from heat and oxidizing agents. Do not store in direct sunlight or in temperatures below 32°F (0°C) or above 77°F (25°C). Storing the containers above the recommended temperature may reduce the product's shelf life. The resin may polymerize at temperatures above 140°F (60°C). Avoid direct sunlight and heat source when storing products on project site.

HANDLING:
Always use caution when handling the products. Do not smoke. Keep away from open flame, fire or any ignition source. Avoid skin and eye contact with this product. Cured product may be disposed of in standard landfills. Uncured product is considered a hazardous material and must be handled as such, in accordance with local, state and federal regulations. Workers must wear long sleeved shirts, long pants, work boots and use only butyl rubber or nitrile gloves when working with the product. Safety glasses with side shields are required for eye protection. Use of NOISH approved respirator is required if the airborne concentration exceeds recommended limits. For more information, refer to instruction on the label of the can and to relevant Material Safety Data Sheet (MSDS).

MIXING:
Thoroughly mix Alsan 2K Primer Component B for 2-3 minutes prior to adding Alsan 2K Primer Component A. Pour entire contents of Component A into Component B and mix the two components for 2-3 minutes using a slow-speed (200-400 prm) mechanical agitator. Make certain not to mix too vigorously as air incorporation or splashing from vigorous mixing will cause air trappage and bubbling during application.

The entire prepared container of product should be utilized within 20 minutes of mixture.

SURFACE PREPARATION:
Refer to Soprema Alsan RS "Substrate Preparation & Priming Guidelines" for information and requirements. Contact Soprema Technical Department for recommendations regarding specific applications.

APPLICATION:
After mixing, apply resin to clean and prepared substrate at the required consumption using Soprema rollers, brushes or notched squeegee. The primer should be spread evenly onto the surface. See individual system specifications for specific guidelines regarding application of primer, membrane, topcoat and/or slip-resistant protective surfacing.

TECHNICAL INFORMATION

TEMPERATURE APPLICATION RANGES	
Ambient temperature	Substrate temperature
40° to 95°F (3° to 35°C)	40° to 122°F (3° to 50°C)

Substrate must not exceed a maximum six percent moisture content and maximum 96% relative humidity.

COVERAGE RATES	
Sanded membrane surface minimum consumption	0.38 gal/sq
Granulated surface minimum consumption	0.62 gal/sq
Concrete minimum consumption	0.86 gal/sq

See recommendations for specific applications. Yields will vary depending upon substrate condition.

SET TIMES AT AMBIENT TEMPERATURE OF 68°F	
Pot life:	20 minutes
Rain proof after:	50 minutes
Set time / walked on / next layer:	90 minutes
Fully cured:	3 hours

Pot life is dependent on ambient temperatures and will be reduced at higher temperatures. Minimum set times are approximate and may vary. Actual set times and cure times should be established in the field, based on actual field conditions.

PHYSICAL PROPERTIES	
Physical State	Liquid
Color	Translucent
Viscosity (cP) at 77°F (25°C)	Part A - 109 cP; Part B - 275 cP
Drying Time (ambient temperature sensitive)	< 3 hours
Density at 77°F (lb/gal)	7.93 ± 0.42 lb/gal