



ALSAN RS 222 PRIMER

Alsan RS 222 Primer

Order No. L-RS001

DESCRIPTION & APPLICATION

Alsan RS 222 Primer is a high performance two-component rapid curing PMMA acrylic primer formulation used in Alsan RS cold liquid-applied membrane system applications.

PRODUCT USES:

Alsan RS 222 Primer is used as a primer for asphaltic, roof cover boards and other substrates followed by reinforced and un-reinforced Alsan RS Systems interior and exterior applications.

COLOR:

Alsan RS 222 Primer is supplied in a translucent, cloudy base color.

VOC:

Alsan RS 222 Primer maximum content 73.04 g/L (catalyzed) as applied.

PACKAGING:

Alsan RS 222 Primer is supplied in re-sealable 10 kg resealable container with a locking ring.

STORAGE:

Shelf life: 12 months in original unopened container. 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. Un-cured 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:

Using a slow-speed (200 to 400 rpm) mechanical agitator, thoroughly mix the entire container of resin for two minutes before each use, and prior to pouring off resin into a second container if batch mixing. Catalyze only the amount of material that can be used within 10-15 minutes. Add pre-measured catalyst to the resin component, stir for two minutes and apply to substrate. Refer to Catalyst Dosages chart below for additional information.

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 resin 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 |
| 32° to 95°F (0° to 35°C) | 32° to 122°F (0° to 50°C) |

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

COVERAGE RATES

| | |
|--|--------------------------------------|
| Smooth surface minimum consumption | 0.037 kg/sf (0.4 kg/m ²) |
| Granulated surface minimum consumption | 0.046 kg/sf (0.5 kg/m ²) |
| Rough substrate minimum consumption | 0.056 kg/sf (0.6 kg/m ²) |

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

CATALYST MIXING CHART

| Resin Quantity | 6% Catalyst Activation 32°F to 49°F (0°C to 10°C) | | | 4% Catalyst Activation 50°F to 68°F (15°C to 20°C) | | | 2% Catalyst Activation 69°F to 95°F (20°C to 35°C) | | |
|----------------|--|------|-------------|---|------|-------------|---|------|-------------|
| | kg | tbsp | 0.1 kg bags | kg | tbsp | 0.1 kg bags | kg | tbsp | 0.1 kg bags |
| 1.0 kg | 0.06 | 6 | n/a | 0.04 | 4 | n/a | 0.02 | 2 | n/a |
| 10.0 kg | 0.6 | 60 | 6 | 0.4 | 40 | 4 | 0.2 | 20 | 2 |

SET TIMES AT AMBIENT TEMPERATURE OF 68°F

| | |
|------------------------------------|------------|
| Pot life: | 10 minutes |
| Rain proof after: | 30 minutes |
| Set time / walked on / next layer: | 30 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.

General product information is provided on this Product Data Sheet. The physical property values reported here are based on testing conducted under controlled laboratory conditions according to accepted test standards.