



ALSAN RS 260 LO FLASH

Alsan RS 260 LO Flash

Order No. L-RS052S

DESCRIPTION & APPLICATION

Alsan RS 260 LO Flash is a high performance two-component rapid curing, low odor PMMA acrylic resin formulation used in Alsan RS cold liquid-applied membrane system applications. Alsan RS 260 LO Flash transports as a non-hazardous material.

Special low odor formulation improves working conditions and provides considerably less production down time due to odor health related and environmental hazards.

PRODUCT USES:

Alsan RS 260 LO Flash resin is combined with fleece fabric to form a monolithic, self flashing and self-adhering reinforced field membrane designed for use in interior and exterior new, tear-off and recovery applications.

Alsan RS 230 Flash may also be used in Soprema waterproofing systems.

COLOR:

Alsan RS 260 LO Flash is available in Pebble Grey (RAL #7032).

VOC:

Alsan RS 260 LO Flash maximum content 3.29 g/L (catalyzed) as applied.

PACKAGING:

Alsan RS 260 LO Flash resin is supplied in a 12-kg re-sealable container with 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. 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:

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.

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	
Minimum total consumption	0.28 kg/sf (3.0 kg/m ²)
Base coat minimum consumption	0.19 kg/sf (2.0 kg/m ²)
Top coat minimum consumption	0.09 kg/sf (1.0 kg/m ²)

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

CATALYST MIXING CHART						
Resin Quantity	4% Catalyst Activation 32°F to 59°F (0°C to 15°C)			2% Catalyst Activation 60°F to 95°F (15°C to 35°C)		
	kg	tbsp	0.1 kg bags	kg	tbsp	0.1 kg bags
1.0 kg	0.04	4	n/a	0.02	2	n/a
12.0 kg	0.48	48	5	0.24	24	2.5

SET TIMES AT AMBIENT TEMPERATURE OF 68°F (20°C)	
Pot life:	20 minutes
Rain proof after:	45 minutes
Set time / walked on / next layer:	120 minutes
Fully cured:	5 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		
Property (as installed)	Values / Units	Test Method
Membrane thickness	105 mils (2.7 mm)	ASTM D 5147 Section 5
Peak load @ 73°F, avg.	71 lbf/in (12.5 kN/m)	ASTM D 5147 Section 6
Elongation @ peak load, avg.	38%	ASTM D 5147 Section 6
Peak load @ 73°F, avg.	799 lbf/in ² (5509 kN/m ²)	ASTM D 412 (dumbbell)
Elongation @ peak load, avg.	54%	ASTM D 412 (dumbbell)
Shore A hardness, avg.	78	ASTM D 2240
Water absorption, (Method I) (24h @ 73°F)	0.44%	ASTM D 570
Water absorption, (Method II) (48h @ 122°F)	1.40%	ASTM D 570
Low temperature flexibility	14° F (10°C)	ASTM D 5147 Section 11
Dimensional stability (maximum movement)	-0.19%	ASTM D 5147 Section 10
Tear strength	98 lbf (0.4 kN)	ASTM D 5147 Section 7

Values based on reinforced Alsan RS Systems at a coverage rate of 3.3 kg/m²

