

ALSAN RS 260 LO FIELD

TECHNICAL DATA SHEET 210322SCANE

(supersedes 191104SCANE)



WATERPROOFING

APPLICATIONS

ROOFS

BALCONIES AND PLAZA-DECK

FOUNTAINS AND PONDS

DESCRIPTION

Special low odor formulation improves working conditions and provides considerably less production down time due to odor health related and environmental hazards. ALSAN RS 260 LO FIELD transports as a non-hazardous material.

ALSAN RS 260 LO FIELD is a two-component methacrylate-based (PMA) liquid membrane. ALSAN RS 260 LO FIELD 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.

COLOR: ALSAN RS 260 LO FIELD is supplied in a standard colors of Pebble Grey and Traffic White (see CRRC chart below).

RECOMMENDED SUBSTRATES

Metal surfaces: consult the ALSAN RS METAL PRIMER technical data sheet to determine the need to use a primer.

Non-metallic surfaces: ALSAN RS 276 PRIMER is required. Please see the technical data sheet for this product for more information.

SURFACE PREPARATION

Surfaces must be dry, clean and free of loose particles, formwork residues, curing products, irregularities, grout, etc.

Metal surfaces: consult the ALSAN RS METAL PRIMER technical sheet.

Non-metallic surfaces: ALSAN RS 276 PRIMER is required. Please see the technical data sheet for this product for more information.

APPLICATION


MIXING: Using a slow-speed (200 to 400 rpm) mechanical agitator, thoroughly mix the entire container of resin for four minutes before each use, and prior to pouring off resin into a second container if batch mixing. Catalyze, with ALSAN RS Catalyst Powder, only the amount of material that can be used within 10-15 minutes. Add pre-measured ALSAN RS Catalyst Powder to the resin component, stir for two minutes and apply to substrate. Refer to Catalyst Mixing Chart for additional information. **To complete the installation, please refer to ALSAN RS FLEECE technical data sheet.**

APPLICATION: After mixing, apply resin to clean and prepared substrate at the required consumption using rollers, brushes or notched squeegees. 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.

FOR COMPLETE INFORMATION ON PRODUCT INSTALLATION, PLEASE CONSULT YOUR SOPREMA REPRESENTATIVE.

REACTION TIMES	
Ambient temperature	20 °C (68 °F)
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.

 Rated product : ID 0072-0046 License Seller : ID 0072	CLASSIFICATION: FIELD APPLIED COATING		
		Initial	3 years
Cool Roof Rating Council ratings are determined for a fixed set of conditions, and may not be appropriate for determining seasonal energy performance. The actual effect of solar reflectance and thermal emittance on building performance may vary. Manufacturer of product stipulates that these ratings were determined in accordance with the applicable Cool Roof Rating Council procedures.	Solar Reflectance	0.84	0.67
	Thermal Emittance	0.86	0.87
	Solar Reflective Index (SRI)	105	81

CATALYST MIXING CHART			
Catalyst dosage per 25 kg container of resin used			
Temperature range	Catalyst activation	kg	tbsp*
0 °C to 15 °C (32 °F to 59 °F)	4 %	1	100
15 °C to 35 °C (59 °F to 95 °F)	2 %	0.50	50
Catalyst dosage per each 1 liter (1.2 kg) of resin used			
Temperature range	Catalyst activation	kg	tbsp*
0 °C to 15 °C (32 °F to 59 °F)	4 %	0.050	5
15 °C to 35 °C (59 °F to 95 °F)	2 %	0.025	2.5

*Each 0.01 kg of ALSAN RS Catalyst Powder equals approximately to a level 1-tablespoon size scoop (15 mL ALSAN RS Measuring Spoon) supplied by SOPREMA.



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NOTE: All products manufactured by SOPREMA Inc. comply with the description and properties indicated in the technical data sheet that was current at the date of manufacture.

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ALSAN RS 260 LO FIELD

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COVERAGE RATE

SUBSTRATE PROFILE	MINIMUM TOTAL COMSUMPTION kg/m ² (kg/ft ²)	BASE COMPONENT COMSUMPTION kg/m ² (kg/ft ²)	TOP COAT COMSUMPTION kg/m ² (kg/ft ²)	TOTAL THICKNESS mm (mils)	BASE COAT THICKNESS mm (mils)	TOP COAT THICKNESS mm (mils)
Smooth (CSP 1)*	3.0 (0.28)	2.0 (0.18)	1.0 (0.1)	2.5 (98)	1.6 (65)	0.8 (32)
Typical (CSP 3-4)*	3.3 (0.31)	2.3 (0.21)		2.7 (106)	1.9 (74)	
Granulated (CSP 5)*	3.8 (0.36)	2.8 (0.26)		3.1 (122)	2.3 (90)	
Rough (CSP 6)*	4.3 (0.40)	3.3 (0.30)		3.5 (140)	2.7 (108)	

(All values are nominal)

*CSP : Concrete Surface Profile.

NOTES : - Coverage rates may vary depending on substrate conditions and the application technique. The above data may vary by +/- 10%.

- Wet and dry thicknesses are always equivalent.

PROPERTIES

Properties	Standards	ALSAN RS 260 LO FIELD
Membrane thickness	ASTM D 5147 Sec 5	2.7 mm (105 mils)
Peak load @ 23 °C (73 °F), avg.	ASTM D 5147 Sec 6	12.5 kN/m (71 lbf/in)
Elongation @ peak load, avg.	ASTM D 5147 Sec 6	38 %
Peak load @ 23 °C (73 °F), avg.	ASTM D 412 (dumb-bell)	15.8 kN/m (90 lbf/in)
Elongation @ peak load, avg.	ASTM D 412 (dumb-bell)	54 %
Shore A hardness, avg.	ASTM D 2240	78
Water absorption, (Method I) (24h @ 23 °C (73 °F))	ASTM D 570	0.44 %
Water absorption, (Method II) (48h @ 50 °C (122 °F))	ASTM D 570	1.40 %
Low temperature flexibility	ASTM D 5147 Sec 11	-10 °C (14 °F)
Dimensional stability (maximum movement)	ASTM D 5147 Sec 10	-0.019 %
Tear strength	ASTM D 5147 Sec 7	0.4 kN (98 lbf)
Tensile strength	ASTM D 412	5,6 mPa (796 psi)

(All values are nominal)

* Values based on reinforced ALSAN RS Systems at a coverage rate of 3.3 kg/m².

PACKAGING

ALSAN RS 260 LO FIELD resin is supplied in a 25 kg resealable container with locking ring.

STORAGE & HANDLING

Shelf life: 12 months in original unopened containers.

For more information, refer to instruction on the label of the can and to relevant Safety Data Sheet (SDS).



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