

ALSAN RS 260 LO FIELD

TECHNICAL DATA SHEET
160120SCAN1E
(supersedes 130507SCAN2E)

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.¹

RECOMMENDED SUBSTRATES

Without primer: metal surfaces

With primer: Consult **ALSAN RS 276 PRIMER** Technical Data Sheet (TDS).

SURFACE PREPARATION

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

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 catalyst (**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.**

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 %	0.5	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 %	0.04	5
15 °C to 35 °C (59 °F to 95 °F)	2 %	0.02	2.5

*Each 0.01 kg of **ALSAN RS Catalyst Powder** equals approximately to a level 1-tablespoon size scoop (**ALSAN RS** Measuring Spoon) supplied with the packaged product.

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.

1. See table of Cool Roof Rating Council, bottom page 2.

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APPLICATION

Reaction Times	
Ambient temperature	at 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.	

COVERAGE

Coverage Rates				
	Coverage		Thicknesses	
	kg / m ²	kg / ft ²	wet mm	wet mils
Minimum total consumption	3.0	0.28	1.8 - 2.2	72 - 86
Base coat consumption	2.0	0.19	1.3 - 1.5	50 - 60
Top coat consumption	1.0	0.09	0.6 - 0.7	22 - 26
<ul style="list-style-type: none"> Coverage rates may vary depending on substrate conditions. Wet and dry thicknesses are always equivalent. Thickness rate does not take into account polyester fleece reinforcement thickness; measurement is for liquid resin only. 				

* Coverage per pail: 8.4 m² (90 ft²)

PROPERTIES

Property	Test method	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 (dumbbell)	15.8 kN/m (90 lbf/in)
Elongation @ peak load, avg.	ASTM D 412 (dumbbell)	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/m ² .		

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 Material Safety Data Sheet (MSDS).

 Cool Roof Rating Council	Rated product ID 0072-0046	Classification: Field applied coating				Solar Reflective Index (SRI)	
	License Seller ID 0072		Initial	Weathered		Initial	Weathered
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	Pending		105	Pending
		Thermal Emittance	0.86	Pending			



SYSTÈME QUALITÉ
ISO 9001
QUALITY SYSTEM



SYSTÈME ENVIRONNEMENT
ISO 14001
ENVIRONMENT SYSTEM