

# ALSAN® RS

## 260 LO FIELD

ALSAN® RS 260 LO FIELD  
 PRODUCT #  
 L-RS050S (pebble grey)  
 L-RS053S (traffic white)

## PRODUCT DATA SHEET

### DESCRIPTION & FEATURES

ALSAN RS 260 LO Field is a high performance, low odor, rapid-setting, polymethacrylate (PMA) liquid resin. ALSAN RS 260 LO Field is catalyzed with ALSAN RS catalyst powder and combined with ALSAN RS Fleece to form a flexible, monolithic, reinforced membrane.

### STORAGE

Always store closed containers in a 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). Approximate shelf life is twelve months from date of manufacture when properly stored, sealed and unmixed.

### APPLICATION

Apply ALSAN RS 260 LO Field with a brush or roller. Prior to application, refer to published specifications and approved details for complete application instructions. The applicator is responsible for ensuring conditions are appropriate to proceed with proper application methods.



APPLICATION



BRUSH



ROLLER

### COOL ROOF RATING

PRODUCT	SOLAR REFLECTANCE		THERMAL EMITTANCE		SRI	
	initial	pending 3 year	initial	pending 3 year	initial	pending 3 year
ALSAN RS 260 LO Field (White)	0.84	pending 3 year	0.86	pending 3 year	105	pending 3 year

QUICK FACTS

UNIT SIZE (kg)	AMBIENT TEMP (°F)	SUBSTRATE TEMP (°F)	RESIN TEMP (°F)	POT LIFE (min)	RAIN PROOF (min)	NEXT LAYER (hour)	FULLY CURED (hour)
25 (19.7 L)	37-95 (3 to 35°C)	37-122 (3 to 50°C)	37-86 (3 to 30°C)	15-20 at 68°F (20°C)	45-60 at 68°F (20°C)	1-2 at 68°F (20°C)	5 at 68°F (20°C)



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TECHNICAL INFORMATION & TESTING

**APPROXIMATE COVERAGE RATES**

SUBSTRATE PROFILE	MINIMUM TOTAL CONSUMPTION kg/ft <sup>2</sup> (kg/m <sup>2</sup> )	BASE COMPONENT CONSUMPTION kg/ft <sup>2</sup> (kg/m <sup>2</sup> )	TOP COAT CONSUMPTION kg/ft <sup>2</sup> (kg/m <sup>2</sup> )	TOTAL THICKNESS mils(mm)	BASE COAT mils (mm)	TOP COAT mils (mm)
Smooth	<b>0.28 (3.0)</b>	0.19 (2.0)	0.01 (1.0)	<b>98 (2.5)</b>	65 (1.6)	32 (0.8)
Typical	<b>0.31 (3.3)</b>	0.21 (2.3)		<b>107 (2.7)</b>	74 (1.9)	
Granulated	<b>0.36 (3.8)</b>	0.26 (2.8)		<b>124 (3.1)</b>	90 (2.3)	
Rough	<b>0.40 (4.3)</b>	0.30 (3.3)		<b>140 (3.5)</b>	108 (2.7)	

**CATALYST MIXING CHART**

CATALYST REQUIRED	SUMMER FORMULATION						WINTER FORMULATION					
	6% Catalyst 37°F (3°C) to 50°F (10°C)		4% Catalyst 50°F (10°C) to 68°F (20°C)		2% Catalyst 68°F (20°C) to 95°F (35°C)		6% Catalyst 32°F (0°C) to 37°F (3°C)		4% Catalyst 37°F (3°C) to 50°F (10°C)		2% Catalyst 50°F (10°C) to 68°F (20°C)	
25 kg can	<b>15</b> 0.1 kg packets		<b>10</b> 0.1 kg packets		<b>5</b> 0.1 kg packets		<b>15</b> 0.1 kg packets		<b>10</b> 0.1 kg packets		<b>5</b> 0.1 kg packets	
1 kg	TBSP	kg	TBSP	kg	TBSP	kg	TBSP	kg	TBSP	kg	TBSP	kg
	6	0.06	4	0.04	2	0.02	6	0.06	4	0.04	2	0.02
1 liter (~1.3 kg)	8	0.08	5	0.05	2.5	0.03	8	0.08	5	0.05	2.5	0.03

**PHYSICAL PROPERTIES**

PROPERTY	MD	XMD	TEST METHOD
Peak load @ 73.4°F (23°C) control, lbf/in (kN/m)	70 (12.3)	65 (11.4)	ASTM D5147
Elongation @ 73.4°F (23°C) control, %	55	85	ASTM D5147
Peak load @ 73.4°F (23°C) post heat aging, lbf/in (kN/m)	75 (13.1)	80 (14.0)	ASTM D5147
Elongation @ 73.4°F (23°C) post heat aging, %	55	60	ASTM D5147
Peak load @ 73.4°F (23°C) post acc. weathering, lbf/in (kN/m)	75 (13.1)	75 (13.1)	ASTM D5147
Elongation @ 73.4°F (23°C) post acc. weathering, %	50	55	ASTM D5147
Peak load @ 0°F (-18°C), lbf/in (kN/m)	170 (29.8)	145 (25.4)	ASTM D5147
Elongation @ 0°F (-18°C), %	60	70	ASTM D5147
Tear resistance, lbf (N)	70 (311)	60 (267)	ASTM D5147
Dimensional stability, %	0.1	0	ASTM D5147
Static puncture resistance, lbf (N)	Pass 56 (249)		ASTM D5602
Shore A hardness, durometer	84		ASTM D2240
Water absorption, %	0.5		ASTM D570 (@ 212°F)
Water vapor permeance, perms	0.2		ASTM E96
Low temperature flexibility, °F (°C)	Pass -33 (-36.1)	Pass - 33 (-36.1)	ASTM D7264
Low temperature crack bridging	No cracks		ASTM C1305
Self-ignition, °F (°C)	770 (410)		ASTM D1929
Smoke density index	350		ASTM E84
Rate of burning, in/min (m/hr)	0.8 (1.2)		ASTM C635

TECHNICAL INFORMATION & TESTING



FLORIDA BUILDING CODE