

ALSAN® RS

281 CLEAR FINISH

ALSAN® RS 281
CLEAR FINISH
PRODUCT # L-RS0281C

PRODUCT DATA SHEET

DESCRIPTION & FEATURES

ALSAN RS 281 Clear Finish is a rapid-setting, proprietary formulation polymethyl methacrylate (PMMA) clear finish resin. ALSAN RS 281 Clear Finish is utilized as a sealer layer coat when colored silica quartz aggregate is used.

STORAGE

Always store closed containers in a cool, ventilated and dry locations 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 shipment when properly stored, sealed and unmixed.

APPLICATION

ALSAN RS 281 Clear Finish is applied with a roller, brush or flat blade squeegee. Prior to application, refer to published specifications, guidelines and recommendations for complete application instructions. The applicator is responsible for ensuring conditions are appropriate to proceed with proper application methods.



APPLICATION



ROLLER



BRUSH



FLAT SQUEEGEE

QUICK FACTS

UNIT SIZE (kg)	AMBIENT TEMP (F°)	SUBSTRATE TEMP (F°)	RESIN TEMP (F°)	POT LIFE (min)	RAIN PROOF (min)	NEXT LAYER (min)	FULLY CURED (hour)
10 (9.9 L)	32-95 (0-35°C)	32-122 (0-50°C)	37-86 (3 to 30°C)	15 at 68°F (20°C)	30-45 at 68°F (20°C)	45-60 at 68°F (20°C)	3 at 68°F (20°C)



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TECHNICAL INFORMATION & TESTING

APPROXIMATE COVERAGE RATES

SUBSTRATE PROFILE	MINIMUM TOTAL CONSUMPTION kg/ft ² (kg/m ²)	TOTAL THICKNESS mils(mm)
Aggregate #1 (0.7-1.2 mm)	0.07 (0.8)	30 (0.78)
Aggregate #0 (0.4-0.8 mm)	0.06 (0.7)	26 (0.67)
Smooth	0.05 (0.6)	23 (0.58)

Catalyst quality will range from 2-6% (by weight) dependent on the ambient temperature

CATALYST MIXING CHART

CATALYST REQUIRED	6% Catalyst 32°F (0°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)	
10 kg can	6 0.1 kg packets		4 0.1 kg packets		2 0.1 kg packets	
1 kg (~ 1 liter)	TBSP	kg	TBSP	kg	TBSP	kg
	6	0.06	4	0.04	2	0.02

PHYSICAL PROPERTIES

PROPERTY	TEST METHOD
Liquid density @ 73.4°F (23°C), lb/gal (g/ml)	8.7 (1.04) ASTM D1475
Viscosity, stormer type @ 77°F (25°C), KU (cps)	69 (510) ASTM D562 (Method A)
Indentation hardness @ 73.4°F (23°C), Shore A	87 ASTM D2240
Abrasion resistance, 4" disc, lb (mg)	0.00027 (123) ASTM D4060

* All data is represented by averages, unless noted otherwise.

TESTING & APPROVALS



FLORIDA BUILDING CODE