

ALSAN RS 287 COLOR FINISH BASE

TECHNICAL DATA SHEET 240524SCANE

(supersedes 220204SCANE)



WATERPROOFING
ACCESSORIES PRODUCT

APPLICATIONS

ROOFS

BALCONIES

ADDITIONAL EXPERTISE

DESCRIPTION

ALSAN RS 287 COLOR FINISH BASE is a two-component polymethyl methacrylate-based (PMMA) colourless liquid resin to which the coloured additive ALSAN RS COLOR ADDITIVE is added.

APPLICATION

MIXING: Using a slow-speed (200 to 400 rpm) mechanical agitator, thoroughly mix the entire container of resin for **2 to 3 minutes** before each use. The appropriate number of colour additive required is 1.5 kg (3.3 lb) for every 8.5 kg (18.7 lb) container of ALSAN RS 287 COLOR FINISH BASE. Those should be thoroughly mixed prior to application. Prepared colour resin can then be poured off into smaller containers for smaller batch mixing.

Catalyze with ALSAN RS CATALYST POWDER only the amount of material that can be used within **10 to 15 minutes**. Add pre-measured catalyst ALSAN RS CATALYST POWDER to the mixture (resin + colour additive), stir for **2 to 3 minutes** and apply to substrate. Refer to the *Catalyst Mixing Chart* for additional information.

APPLICATION: After mixing, apply resin to clean and prepared substrate at the required consumption using a roller, a brush or a flat blade squeegee. The resin should be spread evenly onto the surface.

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

CATALYST MIXING CHART

Temperature Range ⁽¹⁾	Catalyst Activation ⁽¹⁾	Catalyst Required ⁽²⁾	
		10 kg Work Pack ⁽³⁾	1 liter (~ 1 kg) of resin
0 °C to 10 °C (32 °F to 50 °F)	6%	0.51 kg (51 tbsp)	0.06 kg (6 tbsp)
10 °C to 20 °C (50 °F to 68 °F)	4%	0.34 kg (34 tbsp)	0.04 kg (4 tbsp)
20 °C to 35 °C (68 °F to 95 °F)	2%	0.17 kg (17 tbsp)	0.02 kg (2 tbsp)

(1): Catalyst quantity will range from **2 to 6% of the resin weight only**, dependent on the ambient temperature.

(2): Each 0.01 kg of ALSAN RS CATALYST POWDER equals approximately to a level 1-tablespoon size scoop (15 ml measuring spoon).

(3): ALSAN RS 287 COLOR FINISH BASE requires combining one container (8.5 kg) of resin with one container (1.5 kg) of ALSAN RS COLOR ADDITIVE, creating a 10 kg work pack.

COVERAGE RATES ⁽¹⁾

Type of system	Consumption per 10 kg Work Pack ⁽²⁾	Total thickness
Aggregate #1 (silica sand, 24 mesh)	12.5 m ² (134 pi ²)	0.76 mm (30 mils)
Aggregate #0 (silica sand, 32 mesh)	14.3 m ² (154 pi ²)	0.66 mm (26 mils)
Smooth substrate	16.7 m ² (179 pi ²)	0.58 mm (23 mils)

(1): Coverage rates are approximate and may vary depending on substrate conditions and the application technique.

(2): ALSAN RS 287 COLOR FINISH BASE requires combining one container (8.5 kg) of resin with one container (1.5 kg) of ALSAN RS COLOR ADDITIVE, creating a 10 kg work pack.



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GENERAL INFORMATION

Specifications	ALSAN RS 287 COLOR FINISH BASE	
Physical state	Liquid	
Colour	Clear	
Container	8.5 kg (8.5 L)	
Application temperatures,	<i>ambient</i>	0 °C to 35 °C (32 °F to 95 °F)
	<i>substrate</i>	0 °C to 50 °C (32 °F to 122 °F)
	<i>resin</i>	3 °C to 30 °C (37 °F to 86 °F)
Reaction times ⁽¹⁾ ,	⁽²⁾ <i>pot life</i>	15 minutes
	<i>rain proof after</i>	30-45 minutes
	⁽³⁾ <i>set time / walked on / next layer</i>	45-60 minutes
	<i>fully cured</i>	3 hours

(1): Reaction times at 20 °C (68 °F).

(2): Pot life depends on ambient temperatures and will be reduced at higher temperatures.

(3): 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.

PROPERTIES

Properties	Standards	ALSAN RS 287 COLOR FINISH BASE
Liquid density, at 23 °C (73.4 °F)	ASTM D1475	1.02 g/ml (8.5 lb/gal)
Viscosity, at 25 °C (77 °F)	ASTM D562 (Method A)	370 cP (63 KU)
Indentation hardness, at 23 °C (73.4 °F), (Shore A)	ASTM D2240	96
Abrasion resistance, 101 mm (4 in.) disc	ASTM D4060	133 mg (0.00029 lb)
VOC content	EPA (Method 24)	< 5 g/L

(All values are nominal)

STORAGE AND HANDLING

Always store the product indoors on pallets in a well-ventilated environment, at temperatures ranging from 13 °C to 27 °C (55 °F to 80 °F), away from heat, open flames, ignition sources, direct sunlight, and oxidizing agents. If storing the product temporarily outside for a very short period of time, cover it with a reflective tarp that allows for air circulation. The shelf life is approximately 12 months from the date of shipment when properly stored in its original container.

For more information, refer to the instructions on the container label and relevant safety data sheet (SDS).



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