

## ALSAN RS 287 COLOR FINISH BASE

 TECHNICAL DATA SHEET  
 131010SCAN1E  
 (supersedes 130201SCAN2E)

### DESCRIPTION

**ALSAN RS 287 COLOR FINISH BASE** is a two-component polymethyl methacrylate-based (PMMA) colourless liquid resin to which a 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 two 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** only the amount of material that can be used within 10-15 minutes. Add pre-measured catalyst **ALSAN RS CATALYST** to the resin component, stir for two minutes and apply to substrate. **The amount of catalyst added should be based ONLY on the weight of the ALSAN RS 287 resin used, and not the entire batch (resin + color additive) weight.** Refer to Catalyst Mixing Chart for additional information.

**Catalyst Mixing Chart**

Catalyst dosage per 8.5 kg container of resin used			
Temperature range	Catalyst activation	tbsp*	0.100 kg packets
0 °C to 10 °C (32 °F to 49 °F)	4 %	40	4
10 °C to 35 °C (50 °F to 95 °F)	2 %	20	2
Catalyst dosage per each 1 litre of resin used			
Temperature range	Catalyst activation	tbsp*	0.100 kg packets
0 °C to 10 °C (32 °F to 49 °F)	4 %	4	n/a
10 °C to 35 °C (50 °F to 95 °F)	2 %	2	n/a

\*Each 0.01 kg of **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.

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Reaction Times	
Ambient temperature	at 20 °C (68 °F)
Pot life	15 minutes
Rain proof after	30 minutes
Set time / walked on / next layer	60 minutes
Fully cured	3 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 <sup>2</sup>	kg / ft <sup>2</sup>	wet mm	wet mils
Over surfacing aggregate	0.5	0.046	0.5 - 0.6	20 - 25
Over smooth finish	0.3	0.028	0.3 - 0.4	12 - 15

- Coverage rates may vary depending on substrate conditions.
- Wet and dry thicknesses are always equivalent.

\* Coverage per pail: 33 m<sup>2</sup> (355 ft<sup>2</sup>)

### PACKAGING

ALSAN RS 287 resin is supplied in a 8.5 kg (18.7 lb) resealable container with locking ring.

### STORAGE & HANDLING

**Shelf life:** 12 months, properly stored in original unopened containers. For more information, refer to instruction on the label of the can and to relevant Material Safety Data Sheet (MSDS).