

## ALSAN RS 233 SELF-LEVELING MORTAR

TECHNICAL DATA SHEET  
130131SCAN1E  
(supersedes n/a)

### DESCRIPTION

**ALSAN RS 233 SELF-LEVELING MORTAR** is a two-component polymethyl methacrylate-based (PMMA) self-levelling mortar. **ALSAN RS 233 SELF-LEVELING MORTAR** is used to level rough surfaces in conjunction with **ALSAN RS** systems. **ALSAN RS 233 SELF-LEVELING MORTAR** is composed of **ALSAN RS 210** resin and **ALSAN RS 223** Cementitious Powder.

COLOUR: **ALSAN RS 233 SELF-LEVELING MORTAR** is supplied in a standard colour of Pebble Grey.

### APPLICATION

**MIXING:** Using a slow-speed (200 to 400 rpm) mechanical agitator, thoroughly mix the entire container of **ALSAN RS 210** resin for two minutes before each use. Into a larger container, slowly add **Alsans RS 223** Cementitious Powder to resin while mixing; continue mixing for 2 to 5 minutes. Mixing ratio of **Alsans RS 210** resin is one pail (10 kg (22 lbs)) to one bag (23 kg (50.7 lbs)) of **Alsans RS 223** Cementitious Powder. Catalyze, with **ALSAN RS CATALYST**, only the amount of resin that can be used within 10-15 minutes. Add pre-measured **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 210 resin used, and not the entire batch (resin + filler) weight.** Refer to *Catalyst Mixing Chart* for additional information.

**Catalyst Mixing Chart**

Catalyst dosage per 10 kg (10 liter) container of resin used

Temperature range	Catalyst activation	kg	tbsp*
0 °C to 10 °C (32 °F to 49 °F)	4 %	0.40	40
10 °C to 35 °C (50 °F to 95 °F)	2 %	0.20	20

Catalyst dosage per each 1 kg (1 liter) of resin used

Temperature range	Catalyst activation	kg	tbsp*
0 °C to 10 °C (32 °F to 49 °F)	4 %	0.04	4
10 °C to 35 °C (50 °F to 95 °F)	2 %	0.02	2

\*Each 0.01 kg of **ALSAN RS 223 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 or notched squeegee. 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.

## ALSAN RS 233 SELF-LEVELING MORTAR

TECHNICAL DATA SHEET  
130131SCAN1E  
(supersedes n/a)

### APPLICATION

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		Thicknesses	
	kg / m <sup>2</sup>	kg / ft <sup>2</sup>	wet mm	wet mils
Minimum total consumption	3.5	0.325	2.2 - 2.4	85 - 95

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

\* Coverage per pail: 9.5 m<sup>2</sup> (102 ft<sup>2</sup>)

### PACKAGING

ALSAN RS 233 SELF-LEVELING MORTAR resin is supplied in two parts:

ALSAN RS 210 resin is supplied in a 10 kg (22 lb) resealable container with locking ring.

ALSAN RS 223 Powder is supplied in a 23 kg (50.7 lb) bag.

### 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).