# **ALSAN RS** 289 TEXTURED BASE

TECHNICAL DATA SHEET 220211SCANE

(supersedes 180713SCAN1E)

COMPLEMENTARY PRODUCT

APPLICATIONS ROOFS

BALCONIES ADDITIONAL EXPERTISE

#### DESCRIPTION

ALSAN RS 289 TEXTURED BASE is a two-component polymethyl methacrylate-based (PMMA) colourless liquid resin infused with aggregates (pre-mixed additive) to which a coloured paste ALSAN RS COLOR ADDITIVE is added. ALSAN RS 289 TEXTURED BASE is used as trafficable surface finish with the ALSAN RS SYSTEMS for balconies and roofs. ALSAN RS 289 TEXTURED BASE can also be applied over ALSAN RS 276 PRIMER, over ALSAN RS 233 SELF-LEVELLING MORTAR and/or 263 LO SELF-LEVELING MORTAR system or over ALSAN RS 230 and/or ALSAN RS 260 LO.

#### SURFACE PREPARATION

Surfaces must be dry, clean and free of loose particles, formwork, curing products, irregularities, slurry, etc.

## 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 as aggregate additive will settle, and prior to pouring off resin into a second container if batch mixing.

The appropriate amount of colour additive required is 1.5 kg (3.3 lb) for every 13.5 kg (30 lb) container of **ALSAN RS 289 TEXTURED BASE**. Those should be thouroughly mixed prior to application. Prepared colour resin can then be poured off into smaller containers for smaller batch mixing.

Only catalyze with ALSAN RS CATALYST POWDER the amount of material that can be used within 10-15 minutes.

Add pre-measured ALSAN RS CATALYST POWDER 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 289 resin used, and not the entire batch (resin + color additive) weight. Refer to Catalyst Mixing chart for additonal information. To complete the installation, please refer to ASLAN RS FLEECE technical data sheet.

**APPLICATION**: After mixing, apply resin to clean and prepared substrate at the required consumption using a roller, a brush or a 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 289 TEXTURED BASE can be applied at substrate temperature between 0 °C (32 °F) and 50 °C (122 °F) and ambient temperature between 0 °C (32 °F) and 35 °C (95 °F). The ALSAN RS 289 TEXTURED BASE resin temperature must be between 3 °C (37 °F) and 30 °C (86 °F).

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



SYSTÈME QUALITÉ ISO 9001 QUALITY SYSTEM

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# CATALYST MIXING CHART

Catalyst dosage per 15 kg container of resin used					
TEMPERATURE RANGE	CATALYST ACTIVATION	0,100 kg PACKETS			
0 °C to 10 °C (32 °F to 50 °F)	6 %	(	9		
10 °C to 20 °C (50 °F to 68 °F)	4 %	6			
20 °C to 35 °C (68 °F to 95 °F)	2 %	3			
Catalyst dosage per each 1 L ( $\sim$ 1.5 kg) of resin used					
TEMPERATURE RANGE	CATALYST ACTIVATION	TBSP <sup>1</sup>	KG		
0 °C to 10 °C (32 °F to 50 °F)	6 %	9	0.09		
10 °C to 20 °C (50 °F to 68 °F)	4 %	6	0.06		
20 °C to 35 °C (68 °F to 95 °F)	2 %	3	0.03		

<sup>1</sup>Each 0.01 kg of ALSAN RS Catalyst Powder equals approximately to a level 1-tablespoon size scoop (15 ml measuring spoon).

#### **REACTION TIME**

REACTION TIME	AMBIENT TEMPERATURE AT 20 °C (68 °F)	
Pot life	15 minutes	
Rain proof after	45 minutes	
Set time/walked on/next layer	60 minutes	
Fully cured	3 hours	

Pot life depends 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 RATES**

SUBSTRATE PROFILE	15 kg UNIT m² (ft²)	MINIMUM TOTAL CONSUMPTION kg/m² (kg/ft²)	THICKNESS mm (mils)
Light duty (light pedestrian traffic only)	18.7 (202)	0.8 (0.07)	0.53 (21)
Medium duty (normal pedestrian traffic only)	11.5 (124)	1.3 (0.12)	0.87 (35)
Heavy duty (vehicular traffic)	8.3 (89)	1.8 (0.17)	1.20 (48)

Coverage rates may vary depending on substrate conditions and the application technique. The above data may vary by +/- 10%. Wet and dry thicknesses are almost equivalent.





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**APPLICATIONS** 

ROOFS

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## PACKAGING

ALSAN RS 289 TEXTURED BASE is supplied in a 15 kg (30 lb) resealable container with locking ring.

#### PROPERTIES

PROPERTY	TEST METHOD	ALSAN RS 289 TEXTURED BASE
Liquid density at 23°C (73.4°F), g/ml (lb/gal)	ASTM D1475	1.49 (12.4)
Viscosity at 25°C (77°F), cps (KU)	ASTM D562 (Method A)	3400 (127)
Indentation hardness at 23°C (73.4°F), Shore A	ASTM D2240	84
Abrasion resistance, 101 mm (4 in.) disc, mg (lb)	ASTM D4060	133 (0.00029)

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

#### STORAGE AND HANDLING

Always store closed containers in cool, ventilated and dry location away from heat and oxidizing agent. Do not store in direct sunlight or in temperatures below 0°C (32°F) or above 25°C (77°F). Approximate shelf life is twelve months from date of shipment when properly stored, sealed and unmixed.

For more information, refer to instruction on the label of the can and to relevant Material Safety Data Sheet (MSDS).





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