

Alsan RS PASTE

TECHNICAL DATA SHEET 220214SCANE

(supersedes 180713CAN1E)



ACCESSORY PRODUCTS

APPLICATIONS

ROOFS

BALCONIES AND PLAZA-DECK

FOUNTAINS AND PONDS

DESCRIPTION

ALSAN RS PASTE is a two-component polymethyl methacrylate-based (PMMA) heavy paste. **ALSAN RS PASTE** is used for filling small cracks, depressions and voids in a non traffic bearing horizontal or vertical substrates, after priming and prior to application of **ALSAN RS** systems. **ALSAN RS PASTE** can also be used to smooth out laps on **ALSAN RS 230** and **ALSAN RS 260** membranes when applying aesthetic top coats or surfacing.

COLOUR: **ALSAN RS PASTE** is available in Pebble Grey.

SURFACE PREPARATION

Surfaces must be dry, clean and free of loose particles.

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. Catalyze with **ALSAN RS CATALYST POWDER** only 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. Refer to **Catalyst Mixing chart** for additional information.

APPLICATION: After mixing, apply resin to clean and prepared substrate at the required consumption using a spatula or a trowel. 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.

CATALYST MIXING CHART

CATALYST DOSAGE PER 15 kg CONTAINER OF RESIN USED

Temperature range	Catalyst activation	kg
0 °C to 10 °C (32 °F to 50 °F)	6 %	0.9
10 °C to 20 °C (50 °F to 68 °F)	4 %	0.6
20 °C to 35 °C (68 °F to 95 °F)	2 %	0.3

CATALYST DOSAGE PER EACH 1 L (~ 1.4 kg) OF RESIN USED

Temperature range	Catalyst activation	kg	tbsp*
0 °C to 10 °C (32 °F to 49 °F)	6 %	0.08	8
10 °C to 20 °C (50 °F to 68 °F)	4 %	0.06	6
20 °C to 35 °C (68 °F to 95 °F)	2 %	0.03	3

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



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RESTRICTION

ALSAN RS PASTE should not be used for substrate repairs on traffic bearing ALSAN RS Systems.

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

REACTION TIME

AMBIENT TEMPERATURE	20 °C (68 °F)
Pot life	15-20 minutes
Rain proof after	30 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.

PROPERTIES

PROPERTY	STANDARDS	ALSAN RS PASTE
Liquid density at 23°C (73.4°F), g/ml (lb/gal)	ASTM D1475	1.39 (11.6)
Viscosity at 25°C (77°F), cps (KU)	ASTM D562	> 5 000 (> 144)
Indentation hardness at 23°C (73.4°F)	ASTM D2240 Shore A	64
Abrasion resistance, 100 mm (4 in) disc, mg (lb)	ASTM D4060	57 (0.00013)

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

PACKAGING

ALSAN RS PASTE is supplied in a 15 kg resealable container with locking ring.

STORAGE AND HANDLING

Always store closed containers in a cool, ventilated and dry location away from heat and oxidizing agents. 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 the instructions on the container label and relevant safety data sheet (SDS).



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