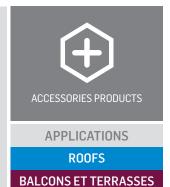


supersedes 130507CAN1E)



FONTAINES ET BASSINS

DESCRIPTION

ALSAN RS 276 PRIMER is a translucent cloudy two-component (PMMA) polymethyl methacrylate-based, rapid-curing, primer. ALSAN RS 276 PRIMER is used to improve the adhesion of ALSAN RS System for interior and exterior applications.

RECOMMENDED SUBSTRATES

Concrete / Wood / or others porous substrates.

TECHNICAL DATA SHEET 180713SCAN1E

SURFACE PREPARATION

Surfaces must be dry, clean and free of loose particles, formwork, curing products, irregularities, slurry, etc. Surface preparation for concrete surfaces:

- 1. Concrete must be fully cured (28 days) with a minimum hardness of 24 MPa (3500 psi). Surface needs to be sound, clean and free of dust or debris.
- 2. Concrete surface must be prepared to obtain concrete surface profile (ICRI CSP) of 2, 3 or 4. To obtain such a profile, the use of special equipment such as shot blasting is recommended.
- 3. Concrete substrate should have a maximum moisture content of 6 % (ASTM F2659), or 1.5 kg/100m²/24h (ASTM F1869), or an internal content of 75% RH (ASTM F2170).

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, 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. 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 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.

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







APPLICATIONS

ROOFS

BALCONS ET TERRASSES

at 20 °C (68 °F)

10 minutes

30 minutes

30 minutes 2 hours

FONTAINES ET BASSINS

ALSAN RS 276 PRIMER

TECHNICAL DATA SHEET 180713SCAN1E

Set time / walked on / next layer

Ambient temperature

Rain proof after

Fully cured

Pot life

CATALYST MIXING CHART					
Catalyst dosage per 10 kg container of resin used					
Temperature range	Catalyst activation	kg	tbsp*		
0 °C to 10 °C (32 °F to 50 °F)	6 %	0.6	60		
10 °C to 20 °C (50 °F to 68 °F)	4 %	0.4	40		
20 °C to 35 °C (68 °F to 95 °F)	2 %	0.2	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 50 °F)	6 %	0.06	6		
10 °C to 20 °C (50 °F to 68 °F)	4 %	0.04	4		
20 °C to 35 °C (68 °F to 95 °F)	2 %	0.02	2		

Pot tile is dependent on ambient temperatures and witt 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.

REACTION TIMES

COVERAGE RATES

SURFACE TYPE	COVE	COVERAGE		THICKNESSES	
	kg/m²	kg/ft²	wet mm	wet mils	
Smooth surface minimum	0.4	0.037	0.4 - 0.5	15 - 20	
Granulated surface minimum	0.5	0.046	0.5 - 0.6	18 - 25	
Rough substrate minimum	0.6	0.056	0.6 - 0.8	23 - 30	

- · Coverage rates may vary depending on substrate conditions.
- Wet and dry thicknesses are always equivalent.
 Thickness rate does not take into account polyester fleece reinforcement thickness; measurement is for liquid resin only.

* Coverage per 10 kg pail: 25 m² (269 ft²)

PROPERTIES

Property	Test method	ASLAN RS 276 PRIMER
Thickness	-	0.54 mm (22 wet mils)
Specific Gravity @ 20 °C (68 °F)	-	1.02 kg/L
Viscosity @ 25 °C (77 °F)	-	1200 cP
Shore A	ASTM D 2240	97

(All values are nominal)

PACKAGING

ALSAN RS 276 PRIMER resin is supplied in a 10 kg 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 Safety Data Sheet (SDS). SYSTÈME QUALITÉ ISO 1400′ ISO 9001



^{*}Each 0.01 kg of ALSAN RS CATALYST POWDER equals approximately to a level 1-tablespoon size scoop (15 mL ALSAN RS Measuring Spoon) supplied by SOPREMA.