SOPREMA
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TECHNICAL DATA SHEET
130507SCAN5E
(supersedes 120510SCAN6E)

ALSAN RS 276 PRIMER

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.

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 catalyst (**ALSAN RS Catalyst Powder**) to the resin component, stir for two minutes and apply to substrate. Refer to Catalyst Mixing Chart for additonal information. **To complete the installation, please refer to ASLAN RS FLEECE technical data sheet.**

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

*Each 0.01 kg of **ALSAN RS 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.

SYSTÈME QUALITÉ ISO 9001 QUALITY SYSTEM

SYSTÈME ENVIRONNEMENT ISO 14001 ENVIRONMENT SYSTEM

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APPLICATION

Reaction Times	
Ambient temperature	at 20 °C (68 °F)
Pot life	10 minutes
Rain proof after	30 minutes
Set time / walked on / next layer	30 minutes
Fully cured	2 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 / 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 pail: 25 m² (269 ft²)**

PROPERTIES

Property	Test method	**ALSAN 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 Material Safety Data Sheet (MSDS).