



WATERPROOFING

APPLICATIONS

BRIDGES

ALSAN CIVIL 370

TECHNICAL DATA SHEET 210303SCANE

(supersedes 191028)

DESCRIPTION

ALSAN CIVIL 370 is a two-component polymethyl methacrylate-based (PMMA) colourless liquid resin to which a coloured additive ALSAN RS COLOR ADDITIVE is added. This resin is used to complete the ALSAN CIVIL 773 waterproofing system when asphalt is not required.

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. The appropriate number of colour additive required is 1.5 kg (3.3 lb) for every 8.5 kg (18.7 lb) container of ALSAN CIVIL 370. Those should be thoroughly mixed prior to application. Prepared colour resin can then be poured off into smaller containers for smaller 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.

The amount of catalyst added should be based ONLY on the weight of the ALSAN CIVIL 370 resin used, and not the entire batch (resin + color additive) weight. Refer to the *Catalyst Mixing Chart* for additional information.

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.

Catalyst Mixing Chart

Catalyst dosage per 8.5 kg container of resin used

Temperature range	Catalyst activation	tbsp ⁽¹⁾	0.100 kg packets
0 °C to 10 °C (32 °F to 50 °F)	4 %	40	4
10 °C to 35 °C (50 °F to 95 °F)	2 %	20	2

Catalyst dosage per each 1 liter of resin used

Temperature range	Catalyst activation	tbsp ⁽¹⁾	0.100 kg packets
0 °C to 10 °C (32 °F to 50 °F)	4 %	4	n/a
10 °C to 35 °C (50 °F to 95 °F)	2 %	2	n/a

(1) 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.



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REACTION TIME

At ambient temperature (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

* The pot life depends on the ambient temperature and will be reduced at high temperatures. A higher percentage of catalyst will also reduce pot life.
The minimum hardening time is approximate and may vary. The actual hardening speed must be established in the field, depending on the actual conditions of the site.

PACKAGING

Specifications	ALSAN CIVIL 370
Physical state	Liquid
Color	Clear
Packaging	8.5 kg (18.7 lb)
Consumption ⁽¹⁾	Over surfacing aggregates (20-25 mils) 0.5 kg/m ² (0.046 kg/ft ²) Over smooth finish (12-15 mils) 0.3 kg/m ² (0.028 kg/ft ²)
Coverage ⁽¹⁾	Over surfacing aggregates (20-25 mils) 17 m ² (183 ft ²) Over smooth finish (12-15 mils) 28 m ² (300 ft ²)

(All values are nominal)

(1) All coverage rates are approximate and may vary due to the application technique and surface roughness.

STORAGE & HANDLING

Shelf life: 12 months when properly stored in original unopened containers. For more information, refer to instruction on the label of the packaging.

For more information, refer to the instructions on the container label and relevant safety data sheet (SDS).



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