

**Product description:**

ALSAN 171 is a PMMA-based resin used as a primer on absorbent, thermoplastic and bituminous substrates.


**Application areas**

ALSAN 171 is used as a combi primer on all absorbent substrates such as concrete, coatings, ready-mixed mortar, wood, plastomer-based bituminous membranes, mastic asphalt and compacted asphalt as pretreatment for ALSAN PMMA systems. ALSAN 171 is exclusively reserved for junctions and upstands.

**Properties**

- Fast-curing
- Solvent-free
- Hydrolysis- and alkali-resistant
- Prevents flow paths from forming underneath
- Good adhesion
- Film-forming
- Semi-flexible

**Conditions for application**

Substrate and ambient temperature: min. 0 °C up to max. +35 °C.

Moisture content mineral substrates: max. 5 % m/m.

Moisture content of wood: max. 16 % v/v.

Air humidity: max. 80 %.

The substrate temperature must be at least 3 °C above the dew point during application and curing.

Adequate ventilation must be installed in enclosed spaces.

**Implementation**
**Substrate preparation:**

The substrate must be prepared to ensure it is sound, dry and free from adhesion-reducing residue.<sup>1</sup>

Synthetic modified mortars and fast curing cement require a compatibility check on site.

**Mixing:** Stir the product thoroughly until a smooth consistency is achieved. Transfer the required amount into a clean mixing tub. Add the corresponding quantity of catalyst for the amount of resin being used and mix at slow-speed for at least 2 minutes until a homogeneous consistency is achieved.

**Application:** The product is applied with a roller or a brush. Irrespective the tools and equipment used, apply the recommended quantities of product to form a film.

**Cleaning:** When work is interrupted or completed, clean the tools thoroughly with ALSAN System cleaning agent, within the pot life of the material.

**Consumption**

Smooth and even surfaces: min. 0,4 kg/m<sup>2</sup>

The consumption rate can be higher depending the nature of the substrate.

The product must always be applied so it forms a film.

**Required amounts of catalyst**

Table for 10 kg ALSAN 171

Stir for at least 2 minutes.

Temperature [°C]	Catalyst [g]	Catalyst [%]
0	600	6
5	600	6
15	400	4
20	200	2
25	200	2
35	200	2

**Reaction times (23 °C)**

Pot life: ± 15 minutes

Rainproof: ± 30 minutes

Overlayable: ± 45 minutes

No maximum overlay time

Loadable: ± 180 minutes

**Technical characteristics**

Density (23 °C): 1,03 g/cm<sup>3</sup>

Viscosity (23 °C): 1000 mPa.s

Bond strength: > 1,5 N/mm<sup>2</sup>

**System components**

ALSAN CAT

<sup>1</sup> See "Installation guidelines: Surface preparation".

**Packing**

5 kg and 10 kg container

**Colour**

Colourless

**Storage, transport & shelf life**

In its original unopened package stored in a cool, dry and frost-free place, the unmixed product has a minimum shelf life of 12 months.

Avoid, also on site, exposure of the containers to direct sunlight.

Opened packaging has a shortened shelf life and may gel prematurely. The product must not be applied once it has started to gel.

**Safety information and risks**

Refer to the relevant safety data sheet for more information.

Pay attention to the personal protective equipment.

GIS Code: RMA 10

**Elimination**

Fully cured material can be disposed of as household waste. Packagings and uncured material must be disposed of as hazardous waste.

Completely empty packagings can be recycled.

**Manufacturer/company**

SOPREMA SAS

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France

**General information**

The information in this document is applicable to the corresponding product, provided by Soprema.

Please note that this may vary from country to country.

The above information, in particular the product application information, is based under normal circumstances and is provided to the best of our knowledge.

The wide variety of requirements and conditions on site requires that the product must be tested by the user under the specific conditions to ensure that it is suitable for the intended use.

We reserve the right to make changes that reflect the technological progress and improvements to our products.