

Product description:

ALSAN 970 F is a flexible and pigmented PMMA-based resin used as finisher on smooth and sanded ALSAN PMMA systems.


Application areas

ALSAN 970 F is used as coloured finisher and wearing layer on smooth and sanded ALSAN PMMA systems.

Properties

- Solvent-free
- Highly abrasion-resistant
- Lasting weather resistance
- UV-, hydrolysis- and alkali-resistant

Conditions for application

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

Air humidity: max. 90 %.

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:

Depending the requirements or the system, ALSAN 970 F can be applied directly to an ALSAN PMMA system primer, coating or waterproofing layer. The substrate must be prepared to ensure it is sound, dry and free from adhesion-reducing residue.¹

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, a smoothing trowel or a rubber squeegee. Avoid fluctuating layer thicknesses.

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

Consumption

Even surfaces: min. 0,60 kg/m²

Topped surfaces (topping: quartz sand 0,4 - 0,8 mm)
± 0,80 kg/m²

The consumption rate can be considerably higher depending the grain size of the topping.

Required amounts of catalyst

Table for 10 kg ALSAN 970 F

Stir for at least 2 minutes.

Temperature [°C]	Catalyst [g]	Catalyst [%]
0	600	6,0
5	400	4,0
15	200	2,0
20	200	2,0
25	200	2,0
30	200	2,0
35	150	1,5

Reaction times (23 °C)

Pot life: ± 15 minutes

Rainproof: ± 45 minutes

Overlayable: ± 60 minutes

Loadable: ± 180 minutes

Technical characteristics

Density (23 °C): 1,1 g/cm³

Viscosity (23 °C): 600 mPa.s

System components

ALSAN CAT

¹ See "Installation guidelines: Surface preparation".

Packing

10 kg bucket

Colour

Standard Soprema colour chart, other colours on request.

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.