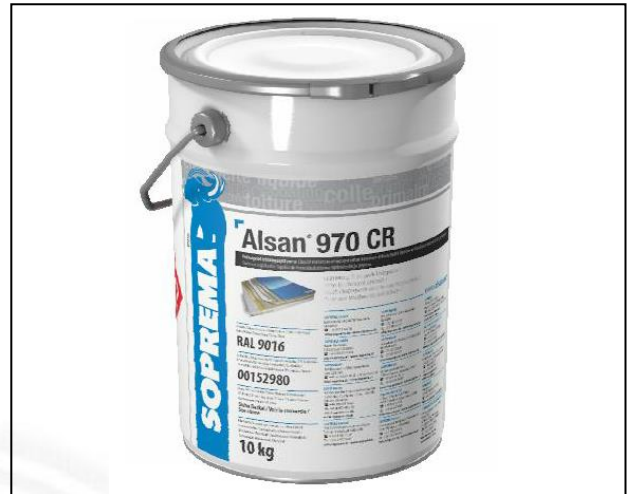


## Product description:

ALSAN 970 CR is a white-pigmented, flexible, reflective PMMA-based resin used as finisher in the ALSAN Cool Roof systems.



## Application areas

ALSAN 970 CR is used, in conjunction with ALSAN 172 CR primer, as a reflective sealant as part of the ALSAN Cool Roof system. The system is primarily designed for use on elastomer and polymer modified bitumen membranes. The high reflectivity of the product greatly lowers the surface temperature caused by solar radiation.

## Properties

- Solvent-free
- Highly abrasion-resistant
- Lasting weather resistance
- UV-, hydrolysis- and alkali-resistant
- White-pigmented
- Reflective
- Solar Reflectance Index (SRI) 108
- Flexible
- Fast-curing
- Easy to apply
- UV-stable

## Conditions for application

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

Air humidity: 90 % max.

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 CR can be applied directly to an ALSAN PMMA system primer, coating or waterproofing layer.<sup>1</sup>

**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

Smooth and even surfaces: min. 0,60 kg/m<sup>2</sup>

Topped surfaces (topping: quartz sand 0,4 - 0,8 mm) ± 0,80 kg/m<sup>2</sup>

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

## Required amounts of catalyst

Table for 10 kg ALSAN 970 CR

Stir for at least 2 minutes.

Temperature [°C]	Catalyst [g]	Catalyst [%]
0	600	6,0
5	400	4,0
15	200	4,0
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/cm<sup>3</sup>

Viscosity (23 °C): 600 mPa.s

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

**System components**

ALSAN CAT

**Packing**

10 kg bucket

**Colour**

RAL 9016 reflective

**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

14, rue de Saint-Nazaire

67025 Strasbourg

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.