

Product description:

ALSAN 972 F is a flexibilised, pigmented PMMA resin that is used to create a textured coating with incorporated granulated material to achieve non-slip surfaces without topping.



Area of application

ALSAN 972 F is used for all heavy-duty areas in multi-storey car parks, on roads and forecourts. It is also suitable wherever superior abrasion resistance and good grip are required. Since the granulated material is mixed with the resin, no quartz sand or similar topping is required.

Properties

- UV-, hydrolysis- and alkali-resistant
- Extremely abrasion-resistant
- Very high slip resistance ratings, R12 V 10 possible
- No topping or sealing finish required
- Permanent weather resistance

Application conditions

Temperature range: 0 °C min. to 35 °C max.

Atmospheric 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.

Application

Preparation of the substrate:

The substrate must always be pretreated prior to application of the product to ensure that the surface is sound, dry and free from adhesion-reducing residue.¹

Depending on the specific requirements or the system, ALSAN 972 F can be applied directly to a lightly sanded ALSAN PMMA primer or to an ALSAN PMMA waterproofing or surfacing resin.

Primer application: e.g. ALSAN 170 on cement-bound substrates or ALSAN 172 on bituminous substrates.²

Mixing: Stir ALSAN 972 F in its container as supplied until a smooth consistency is achieved. If less than a full container is to be used, the required amount is transferred to a clean mixing tub. Then the correct quantity of catalyst is added in proportion to the resin and the mixture stirred for at least 2 minutes using a slow-speed stirrer.

Application: The product is applied with a trowel and smoothed over at particle-size thickness. Depending on the specific requirements, the surface can be finished with a textured roller.

Cleaning: If work is interrupted or when it is completed, clean the tools thoroughly with ALSAN System Cleaning Agent within the pot life of the product.

Consumption

3.5 kg/m² min. on smooth, even surfaces

Required amounts of catalyst

Table for 15 kg ALSAN 972 F

Stir for at least 2 minutes.

Temperature in °C	ALSAN 070 Catalyst [g]	ALSAN 070 Catalyst [%]
0	600	4
5	600	4
15	600	4
20	450	3
25	300	2
35	300	2

¹ Please refer to our "Information sheet 101 - Substrate preparation".

² Please refer to our "Information sheet 102 - Substrate pretreatment".

Reaction time at 23 °C

Pot life: approx. 15 minutes
Rainproof: approx. 30 minutes
Overlayable: approx. 45 minutes
Loadable: approx. 120 minutes

Technical data

Density at 23 °C: 1.9 g/m³
Viscosity at 23 °C: 12000 mPas

System accessories

ALSAN 070

Pack size

15 kg drum

Colour

Standard grey

Storage, transportation & storage life

In its original, unopened packaging and unmixed, the product has a storage life of at least 12 months if kept cool, dry and protected from frost. Direct sunlight on the containers should be avoided, including on site. Once opened, the product only has a limited shelf life.

Information on safety and risks

Please refer to the safety data sheet for up-to-date information. Note the information about personal protection.

GIS code: RMA 10

Disposal

The cured material can be disposed of as construction waste. The containers and residual material must be disposed of separately as hazardous waste.

Manufacturer/Production site

SOPREMA AG
Härdlistrasse 1-2
CH-8957 Spreitenbach

Information

The information in this data sheet applies to the relevant product supplied by Soprema SAS. Please note that the details in other countries may differ from this.

The above information, especially as regards the guidelines for application and use of our products, is based on our knowledge and experience under normal circumstances. Application advice is provided to the best of our knowledge. However, the wide variety of requirements on site under the most diverse working conditions mean that it is necessary for the applicator to test the product for its suitability in any given case. We reserve the right to make changes to reflect advances in technology or improvements to our products.