

Product description:

ALSAN 072 RS is a 3-component PMMA-based resin used as partial or full-surface thick layer leveling mortar on mineral substrates.


Application areas

ALSAN 072 RS is used in thick layers up to 50 mm as a repair and leveling mortar for the creation of slopes and gutters. ALSAN 072 RS can be applied on concrete and cement mortar. It can be applied in multiple layers.

Properties

- Can be applied in multiple layers
- Single layer: up to 50 mm
- Pressure resistant
- Abrasion-resistant
- Frost and de-icing salts resistant
- UV-, hydrolysis- and alkali-resistant
- Solvent-free

Conditions for application

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

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

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:

The substrate must always be prepared to ensure that it is sound, dry and free from adhesion-reducing residue.¹

ALSAN 072 RS can be applied on substrates that have been pretreated with ALSAN 170 and ALSAN 176.²

Mixing: ALSAN 072 RS consists of ALSAN 072 R resin (2 kg bucket) and ALSAN 072 S filler (18 kg bag). Stir the resin component thoroughly until a homogeneous consistency is achieved. Transfer the required amount to 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 3 minutes until a homogeneous consistency is achieved. Subsequently add while stirring the corresponding quantity of filler and stir for at least 3 minutes until a homogeneous mixture is obtained. Make sure there are no lumps in the mixture or residues of filler left on the bottom and rim of the mixing bucket.

Application: The product is applied with a smoothing trowel. Make sure the mortar is worked well and compressed into the corners.

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

Consumption

± 2,2 kg/m² per mm layer thickness

Required amounts of catalyst

Table for 20 kg ALSAN 072 RS

Stir for at least 3 minutes.

| Temperature [°C] | Catalyst [g] | Catalyst [%] |
|---------------------|-----------------|-----------------|
| 0 | 120 | 6 |
| 5 | 120 | 6 |
| 10 | 80 | 4 |
| 15 | 80 | 4 |
| 20 | 40 | 2 |
| 25 | 40 | 2 |
| 35 | 40 | 2 |

Reaction times (23 °C)

Pot life: ± 20 minutes

Rainproof: ± 30 minutes

Overlayable: ± 60 minutes

Loadable: ± 180 minutes

Technical characteristics

Density (23 °C): 2,2 g/cm³

Density ALSAN 072 R resin (23 °C): 0,99 g/cm³

Density ALSAN 072 S filler (23 °C): 2,61 g/cm³

System components

ALSAN CAT

Packing

Combi pack 20 kg:

- ALSAN 072 R (resin component) 2 kg bucket

- ALSAN 072 S (filler component) 18 kg bag

¹ See "Installation guidelines: Surface preparation".

² See "Installation guidelines: Surface pretreatment".

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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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.