

Product description:

ALSAN 103 is a single-component polyurethane-based resin used as primer on TPO/FPO membranes.


Application areas

ALSAN 103 is used as a primer on highly polymeric waterproofing membranes such as TPO/FPO and EPDM. It is exclusively used as preparation before the subsequent application of ALSAN PMMA waterproofing systems.

Properties

- contains solvents
- not UV-resistant
- ready to use
- low consumption rate

Conditions for application

Substrate and ambient temperature: min. +5 °C up to max. +35 °C.

Air humidity: 35 up to 75 %.

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

Implementation
Substrate preparation:

An adhesion test must be carried out on each substrate prior to application.

Degrease and clean the substrate thoroughly with the ALSAN system cleaning agent. Take into account an evaporation time of at least 30 minutes. Roughen the surface using a suitable sanding tool. A regular surface is more important than the depth of the sanding.¹

Mixing: Shake the product in the can well before use.

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. Avoid product build-ups. As an alternative, the product can also be applied with a sanding block. Apply the primer on the sanding block and work well into the surface of the membrane. Drying times are equal for both techniques.

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

Consumption

± 100-150 g/m²

Reaction times

Drying time before overlaying:

30 °C: ± 30 minutes

20 °C: ± 60 minutes

10 °C: ± 2-4 hours

5 °C: ± 3-6 hours

The subsequent waterproofing layer must be applied within 24 hours.

Technical characteristics

Density (23 °C): 0,91 kg/cm³

Viscosity (23 °C): 50 mPa.s

Packing

1 l can

Colour

Colourless

Storage, transport & shelf life

In its original unopened package stored in a cool, dry and frost-free place, the product has a minimum shelf life of 6 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: PU 50

¹ See "Installation guidelines: Surface preparation".

Elimination

Fully cured material can be disposed of as construction waste.

Packagings and uncured material must be disposed of as hazardous waste.

Manufacturer/company

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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.

