ALSAN 770

Product description:
ALSAN 770 is a 2-component, fast-drying and extremely flexible waterproofing resin based on PMMA (polymethyl methacrylate). It is used in combination with a fleece reinforcement on flat substrates.

Application areas
ALSAN 770 is used to create fleece-reinforced waterproofings on flat substrates.

Properties
- ETAG 005 with CE marking
- BBA 11/4871 PS01; BBA 17/5468 PS01
- Broof (t1, t4) [1]
- service life: W3; imposed load: P1-P4
- climate zone: M, S; roof slope: S1-S4
- surface temperature: TL4/TH4
- root-resistant according to the FLL test method

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:
The substrate must be prepared to ensure it is sound, dry and free from adhesion-reducing residue.[2]
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: ALSAN 770 is applied with a suitable roller or brush. Rule of thumb: apply ±. 2/3 of the resin under the reinforcement fleece and 1/3 wet on wet on top of the reinforcement fleece.
Fleece overlaps must be at least 5 cm wide. Resin must also be applied in between the overlaps.

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. 2,5 kg/m²

Required amounts of catalyst
Table for 10 kg ALSAN 770
Stir for at least 2 minutes.

Temperature [°C]	Catalyst [g]	Catalyst [%]
0	600	6,0
5	400	4,0
10	400	4,0
15	200	2,0
20	200	2,0
25	200	2,0
35	150	1,5

Reaction times (23 °C)
Pot life: ± 15 minutes
Rainproof: ± 30 minutes
Overlayable: ± 45 minutes
No maximum overlay time
Loadable: ± 180 minutes

Technical characteristics
Density (23°C): 1,25 g/cm³
Viscosity (23°C): 2500 mPa.s
Sd value: 10 m at 2,0 mm layer thickness
Dynamic crack bridging properties II T+V (0,1-0,3 mm)

System components
ALSAN FLEECE P
ALSAN CAT

TDS-NE-WPLEU0014.c/EN

[1] See certificates for more information.

[2] See “Installation guidelines: Surface preparation".

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Packing
10 kg and 25 kg bucket

Colour
RAL 7032
RAL 7035

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
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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.