

ALSAN 500



1 PRESENTATION

ALSAN 500 is a ready-to-use UV resistant watertight polyurethane resin and directly accessible by pedestrians.

ALSAN 500 has CE marking according to the European Technical Approvals.

2 CHARACTERISTICS

In compliance with official current norms or internal norms in the absence of the latter.

	ALSAN 500
Aspect	Self-leveling semi-fluid paste, satin aspect once dry
Standard colours*	RAL 1001 (beige) RAL 1014 (ivory) RAL 7032 (pebble grey) RAL 7040 (window grey) *More colours available on request
Density at 25°C	1150 kg/m ³ (± 50)
Viscosity	30 Po (± 10)
Weight of dry extract	75 % (± 5)
Flash point	< 21°C
Flammability	Easily flammable
Drying time	12 to 48 hours depending on temperature Accessible after 72 hours
Classification AFNOR NF T 36-055	Family I, Class 6a

Viscosity is given for informative purposes, being a single component, it may tend to evolve.

3 PACKAGING AND CONSUMPTION

Cans: 5 kg or 25 kg.

Storage: 9 months in original, unopened container turned upside-down, away from any source of heat. Storage temperature: >5°C.

Approximate consumptions:

Corner reinforcement (to be covered together with the main area):

Alsan Toile de Renfort fleece embedded with Alsan 500 Colle (500 g/m²)



SOPREMA Liquid Waterproofing Department

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Main area :

- 2 layers of 750g/m² (normal traffic)
- 3 layers of 600g/m² (intensive traffic)



4 USER'S APPLICATION

ALSAN 500 is the main constituent in the **ALSAN 500**, Liquid Waterproofing System procedure, to be use without additional protection.

ALSAN 500 complies with APSEL rules according to SE2, SE4 requirements and ETAG 005.

Specific indications regarding the application of the product can be found by referring to the technical instructions for:

- Waterproofing for domes, cornices, arches, gutters...
- Waterproofing for concrete bleachers
- Renovation of old waterproofing membranes or asphalt
- Renovation of metal decking or fibre-cement flat sheets

5 INSTALLATION

Product must be applied with a brush or roller, according to technical instructions, from 2 to 3 layers onto primer-covered surfaces.

Product must be well mixed in order to obtain a proper homogenisation of components.

Product cleaning: **Diluant V** or **Diluant L** (thinners).

6 SPECIAL INDICATIONS

Hygiene, health and environment:

- Flammable: ensure that all cans, empty or full, of flammable substances are at least 10 m away.
- Contains isocyanates. When using, do not smoke, drink or eat. Refer to instructions.
- Do not breathe in fumes and avoid skin contact.
- In case of ingestion, do not make the subject vomit: immediately consult a specialist and produce the package of substance.
- Keep product away from any flames or sparks – do not smoke.
- Only use in well-ventilated areas.

For more information, please refer to the relevant Safety data Sheet.

Quality control:

SOPREMA has always attached the highest importance to Quality Control. For this reason, we operate an internationally recognized Quality System according to **ISO 9001** with the system being independently monitored and certified by **BSI**.



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TECHNICAL DATA SHEET

DTE-09/074_EN CE

7 CE MARKING

ALSAN 500 is used in the ALSAN 500 waterproofing kit, which conforms to an European Technical Approval ETA-05/0151, confirmed by the CE marking.
Basic information about CE marking can be found below:

 CSTB 0679	
ALSAN 500 SOPREMA B.P. 21 – 14 Rue de St-Nazaire 67026 STRASBOURG Cedex 1 06	
ATE-05/0151 Complies with ETAG 005 Part 1 and Part 6 Validity from 21/09/2005 to 20/09/2010	
Minimum layer thickness :	1,1 mm
Water vapour diffusion resistance factor :	$\mu \approx 1302 (\geq 650)$
Resistance to wind loads :	≥ 50 kPa for concrete substrate
Resistance to spreading fire and radiant heat :	class F (no performance determined)
Reaction to fire :	class F (no determined performances)
Statement on dangerous substances :	does not contain dangerous substances
Slipping resistance :	no determined performance
<u>Levels of use categories according to ETAG 005 in reference to :</u>	
Expecting working life :	W2 (10 years)
Climatic zones :	S (Severe climate)
Imposed loads :	P3
Roof slope :	S1 to S4
Lowest surface temperature :	TL4
Highest surface temperature :	TH3

More characteristics are described in European Technical Approvals of ALSAN 500 n° ETA 05-0151 and 05-0111



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