

TECHNICAL DATA SHEET

DTE 11-003_EN CE cancels and replaces 10/004_EN CE

ALSAN[®] 310



1 PRESENTATION

ALSAN[®] 310 is a single-component ready-to-use UV resistant watertight polyurethane resin.

ALSAN[®] 310 has CE marking according to European Technical Approvals.

2 CHARACTERISTICS

In compliance with current official standards or internal standards.

	ALSAN[®] 310
Physical state	Semi-fluid paste, satin aspect once dry
Standard colours*	RAL 6019 (pastel green), RAL 1014 (ivory) RAL 7032 (pebble grey) ,RAL 7040 (window grey) *More colours available on request
Wet mass density at 25°C	1390 kg/m ³ (±50)
Viscosity	60 Po (±10)
Solid content	75 % (±5)
Flash point	< 21 °C
Flammability	Easily flammable
Drying time	2 to 12 hours depending on temperature
AFNOR Classification (NF T 36-055)	Family 1, 6a Class

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: 12 months in original, unopened container turned upside-down, away from any source of heat. Storage temperature: 5°C to 35°C.

Approximate consumptions:

For corners and details only:

Corner reinforcement: (Alsan[®] Toile de Renfort or Voile de Renfort fleece) embedded with Alsan[®] 310 (500 g/m²) to be covered by the main area.

Main area: (to applied on corners and roof) 2 layers of 700g/m²



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4 USER'S APPLICATION

ALSAN® 310 is the main constituent in the **ALSAN® 310**, Liquid Waterproofing System procedure, to be use without additional protection and complies to **ETAG 005**.

Please refer to the relevant European Technical Approval.

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

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

5 INSTALLATION

ALSAN® 310 must be applied with a brush or a roller, according to technical instructions onto primer-covered surfaces.

Ensure that the product is well mixed in order to obtain a proper homogenization of components.

Product cleaning: use **Diluant V** or **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: 2008** with the system being independently monitored and certified by **BSI**.



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7 CE MARKING

ALSAN[®] 310 is used in the ALSAN[®] 310 waterproofing kit, which conforms to an European Technical Approval ETA-05/0228, confirmed by the CE marking.
Basic information about CE marking can be found below:

 CSTB 0679	
ALSAN[®] 310 SOPREMA B.P. 21 – 14 Rue de St-Nazaire 67026 STRASBOURG Cedex 1 06	
ETA-05/0228 Complies with ETAG 005 Part 1 and Part 6 Validity from 12/10/2010 to 11/10/2015	
ETA-07/0111 Complies with ETAG 005 Part 1 and Part 6 Validity from 10/10/2010 to 10/10/2015	
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 any
Resistance to slipperiness :	no performance determined
Levels of use categories according to ETAG 005 with relation to :	
Expecting working life :	W2 (10 years)
Climatic zones :	S (Severe climate)
Imposed loads :	P1
Roof slope :	S1 to S4
Lowest surface temperature :	TL4
Highest surface temperature :	TH3

More characteristics are described in European Technical Approvals for ALSAN 310 ETA n°05/0151 and 07-0111



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