

Product description:

ALSAN 903 CP Clear is a colourless, solvent borne single-component aliphatic polyurethane based resin used as finisher on the Alsan 601 waterproofing system.



Application areas

ALSAN 903 CP Clear is used as a sealant on ALSAN 601 waterproofing systems. It has a good abrasion and weather resistance.

Properties

- single-component
- easy to apply
- flexible
- weather resistant
- good abrasion resistance
- fast curing
- UV-stable
- clear and glossy topcoat

Conditions for application

Substrate temperature: min. +10 °C up to max. +30 °C.
Moisture content substrates: max. 4 % m/m.
Air humidity: 85 % max.

Implementation

Substrate preparation:

The substrate must be prepared to be even, regular, levelled, solid, stable, clean and free from adhesion reducing substances (pull off test $\geq 1,4$ N/mm²).

Cracks and fissures need to be repaired previously.¹

Mixing:

Mix the product at low speed before use until a homogeneous consistency is achieved. Minimize air bubble formation.

If needed, the product may be thinned with up to 10 % of ALSAN 601 Cleaner (no other solvent allowed).

Application:

Apply by roller, brush or airless spraying equipment. A second layer may be applied within 24 hours and as soon as the first layer is dry to touch.

Cleaning:

ALSAN 601 Cleaner.
Once hardened, it needs to be removed mechanically.

Consumption

200 to 500 g/m²

Reaction times

Pot life (20 °C, 50 % rh): 6 hours
Dry to touch (25 °C, 50 % rh, 200 g/m²): 3 hours
Higher temperatures and air humidity will increase the reaction speed (decreasing reaction times); lower temperatures and air humidity will have the opposite effect.
Walkable: 1-2 days
Loadable: 7-10 days
Final hardness: 15 days

Technical characteristics

Density (20 °C): 0,95 g/cm³
Viscosity (20 °C): 410 mPa.s
Shore D hardness: 53
Max. elongation: 173 %
Tensile strength: 27,4 MPa
Wearing resistance: 11 mg (Taber, CS-10,1 kg)

Packing

6 / 25 kg metal container

Colour

transparent

Storage, transport & shelf life

In its original unopened package stored in a cool, dry and frost-free place at a temperature below +30 °C away from ignition sources, the product has a shelf life of 12 months. Once opened, the containers have a limited 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.

Elimination

Cured material may be disposed of as construction waste. Containers and uncured material must be disposed of as a hazardous waste.

Manufactures/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.

¹ See "Installation guidelines: Surface preparation".