



ADDITIVE FOR THE APPLICATION OF DESMOPOL IN JUST ONE COAT

DESMOPLUS is an additive that gives the DESMOPOL several properties faster curing time beside it improves their mechanical properties. It is ideal for extreme environmental conditions (low temperatures). Also, it's an additive for single-layer applications.

DESMOPLUS is an additive which gives to the monocomponent polyurethane membrane DESMOPOL several properties to facilitate its application, improve their physical and mechanical properties and avoid the bubbles inside. It is suitable for the application of DESMOPOL polyurethane membrane in low temperature conditions or adverse weather conditions, while improving the mechanical performance of the membrane weather situations.

USES

- Allows the application of DESMOPOL in one layer at desired thickness (for exemple 2mm). Avoiding the application on several layers with intermediate drying times
- Elimination of bubbles and other defects in the membrane of DESMOPOL applied in one layer
- Increases the solid membrane's tensile strength
- Dry time process reduces to 2~3 hours

Color	Transparent
Performance	2 l per 25 kg of DESMOPOL
Drying at 23°C	2~3 hours
Cleaning	DESMOSOLVENT



COLORS

Transparent

GENERAL FEATURES

- It allows the application of thick DESMOPOL. This represents a saving of execution time
- Eliminates the formation of air inside(bubbles) the membrane or other defects on the cured membrane
- Reduces drying and curing times on polyurethane membrane DESMOPOL, especially in winter, cold weather, low humidity.
- Improves and increases mechanical properties of the polyurethane membrane DESMOPOL.
- Cleaning materials with solvent DESMOSOLVENT.
- Do not use any kind of spray machine, to apply polyurethane membrane DESMOPOL when mixed with DESMOPLUS.
- Approx. density: 0,95 g/cm³

YIELD

The performance of this product is 2l. (1,7 kg) of each 25 kg. of DESMOPOL.

NOTE: this fixed performance, can not be varied, either by excess or by defect, otherwise the membrane will never not form in the appropriate conditions of use. During the mixing, use a mechanical equipment at medium speed to avoid the inclusion of air bubbles inside.â€

PACKAGING

Metal tins in two different formats:

#1:LARGE KIT: 2 l (1,7 kg), to mix with 25 kg DESMOPOL format

#2:SMALL KIT:0,5 l (0,43 kg), to mix with 6 kg DESMOPOL format

COLORS

Colorless

SHELF LIFE

12 months at temperatures between 5° C and 25° C, provided it is stored in a dry place. Once the tin has been opened, the product must be used immediately.

APPLICATION METHOD

You should consider the following factors:

- One metal tin of 2l (1.7 kg) is the needed amount required for optimal response, making the mixture with 25 kg of DESMOPOL.
- Shake DESMOPLUS layer, before the mix procedure



- Incorporate DESMOPLUS into the polyurethane membrane DESMOPOL metal tin, and homogenize with an electric/mechanical mixer to avoid air entrainment.
- The pot life is 20 minutes more or less.
- Pour the material on the surface, sharing with a notched trowel to get the desired thickness (You can also do this with roll or rubber lip)
- Wait for drying.

HANDLING

These safety recommendations for handling, are necessary for the implementation process as well as in the pre-and post, on exposure to the loading machinery.

- Respiratory Protection: When handling or spraying use an air-purifying respirator.
- Skin protection: Use rubber gloves, remove immediately after contamination. Wear clean body-covering. Wash thoroughly with soap and water after work and before eating, drinking or smoking.
- Eye / Face: Wear safety goggles to prevent splashing and exposure to particles in air.
- Waste generation should be avoided or minimized. Incinerate under controlled conditions in accordance with local laws and national regulations.

Anyway, consult the material and safety data sheet of the product (MSDS), or contact our technical department.

DESMOPOL (POLYURETHANE MEMBRANE) PROPERTIES WITH/WITHOUT DESMOPLUS

PROPERTIES	WITHOUT DESMOPLUS	WITH DESMOPLUS
Pot life at 10 °C	----	40 minutes
Pot life at 23 °C	----	20 minutes
Tensile strength at 23°C	3~4 MPa	5~7 MPa
Membrane dry time at 23 °C	5~6 hours	2~3 hours

