



DESMOPLUS - ADDITIVE FOR THE APPLICATION OF DESMOPOL / DESMOPOL CB IN JUST ONE COAT

DESMOPLUS is an additive that gives to the single component polyurethane membrane DESMOPOL/DESMOPOL CB several properties to facilitate its application in one layer without bubbles inside, improve their physical and mechanical properties, and gives a fast dry time. It is suitable for the application of polyurethane membranes in low-temperature conditions or adverse weather conditions.

USES

- Allows the application of DESMOPOL/DESMOPOL CB in one layer at a desired thickness (e.g. 2mm). Avoiding the application of several layers with intermediate drying times
- Elimination of bubbles and other defects in the membrane of DESMOPOL/DESMOPOL CB applied in one layer
- It increases the solid membrane's tensile strength
- Initial dry of the mix is around 30 minutes
- The dry time process of the Desmopol membrane reduces to 1~3 hours

fixed consumption (per weight)	68 g/kg of PU membrane
fixed consumption (per volume)	80 ml/kg of PU membrane
density at 23°C	0,95 g/cm ³
mixing ratio with Desmopol	1:0,068(weight) / 1:0,080(volume)
cleaning	DESMOSOLVENT
VOC content	804,3 g/l



GENERAL FEATURES

- It allows the application of thick DESMOPOL/ DESMOPOL CB. 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/ DESMOPOL CB, especially in winter, cold weather, low humidity.
- Improves and increases the mechanical properties of the polyurethane membrane DESMOPOL/ DESMOPOL CB.
- Cleaning materials with solvent DESMOSOLVENT.
- Do not use any kind of spray machine, to apply polyurethane membrane DESMOPOL/ DESMOPOL CB when mixed with DESMOPLUS.



YIELD

The performances of this product, depending on the DESMOPOL format, the next ones:

- 2l. (1,7 kg) of each 25 kg. of DESMOPOL/ DESMOPOL CB
- 1,2l (1 kg). of each 15 kg. of DESMOPOL
- 0,5 l. (0,43 kg) of each 6 kg. of DESMOPOL/ DESMOPOL CB

NOTE: this fixed performances, cannot be varied, either by excess or by defect, otherwise the membrane will 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.

PACKAGING

Metal tins in three different formats:

#1:2 l (1,7 kg)

#2: 1,2l (1 kg)

#3:0,5 l (0,430 kg)

SHELF LIFE

12 months at temperatures between 5° C and 35° 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/ DESMOPOL CB
- One metal tin of 1,2l.(1 kg) is the needed amount required for optimal response, making the mixture with 15 kg of DESMOPOL.
- One metal tin of 0,5l. (0,430 kg) is the needed amount required for optimal response, making the mixture with 6 kg of DESMOPOL/ DESMOPOL CB
- Shake DESMOPLUS layer, before the mixing procedure
- Incorporate DESMOPLUS into the polyurethane membrane DESMOPOL/ DESMOPOL CB metal tin, wait for a 3-4 minutes and homogenize with an electric/mechanical mixer to avoid air entrainment and wait for a 3-4 minutes. Check on the DESMOPOL' TDS the point "APPLICATION TYPOLOGIES", section "Single coat application (mixing DESMOPLUS).
- 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.
- On high ambient temperatures situation, open the DESMOPOL / DESMOPOL CB drums, proceed with a low speed agitation to stir resin to try to refresh the temperature, in order to don't increase the chemical speed reaction and therefore maintain the time of ".pot life "



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 the 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 PU/DESMOPOL CB MEMBRANES PROPERTIES WITH OR WITHOUT DESMOPLUS ADDITION

PROPERTIES	WITH DESMOPLUS	WITHOUT DESMOPLUS
Pot life at 23 °C	20 minutes	----
Tensile strength at 23°C ISO 325-3	4~6 MPa	2~3 MPa
Membrane dry time at 23 °C	1~3 hours	5~6 hours

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