



DESMOPOL DW - DIVKOMPONENTU, TIKSOTROPS, BEZ ŠĶĪDINĀTĀJA, 100% CIETVIELAS AROMĀTISKS POLIURETĀNS (SASKARSMEI AR DZERAMO ŪDENI).

DESMOPOL DW divkomponentu šķidrums no 100% cietvielas aromātiskā poliuretāna, kurš katalizācijas rezultātā izveido nepārtrauktu elastīgu bezšuvju membrānu, kura paredzēta pārklāšanai vai citām celtniecības tīklu vajadzībām. Tās īpašības padara to par lielisku izvēli lai panāktu gaisa necaurlaidīgu un ideālu hidroizolāciju dažādām virsmām un pamatnēm. Uzklājama manuāli ar out vai rulli.



PIELIETOJUMS

Uz ūdens bāzes poliuretāna šķidrā membrāna paredzēta virsmas pārklāšanai un hidroizolācijai:

- Betona ūdens tvertnēm

PIEZĪME: Zvaniet mūsu tehniskajam departamentam lai precizētu izmantošanas iespējas.

Ieteicamā uzklāšana	± 1,5~2 mm
Žūšanas laiks pie 23°C	± 5~6 h
Elastība pirms plīšanas 23°C	>100%
Stiepes stiprība pie 23°C	± 8 MPa
Uzklāšanas veidi	Ar otu vai rullīti
Slāņi	2 plāni slāņi ar otu vai rulli lai sasniegtu nepieciešamo biezumu



KRĀSAS

Balta

TEHNISKAIS APRAKSTS

- DESMOPOL DW ir ar augstas elastības un gaisa necaurlaidīga membrāna, kura vienreiz uzklāta, nodrošina lielisku stabilitāti, izturību un ūdens necaurlaidību.
- Tas ir tiksotropisks poliuretāna šķidrums tapēc to var uzklāt uz vertikālā virsmām.
- DESMOPOL DW ir aromātiska membrāna.



next one, clean up well and eliminate all contaminants from the elements, such as dust or chippings, using dry methods preferably.

- apply the primer resin in the conditions and the parameters indicated in the technical specifications for these products. On concrete, we recommended the two-component polyurethane resin PRIMER PU-1050 / PRIMER PU-1000 / PRIMER PUC-1050. See the TDS of each product before the application
- apply DESMOPOL DW polyurethane membrane (according to the following methodology)

APPLICATION

Once the surface preparation and primer application are done, as conditions, proceed to extends of the polyurethane membrane, using this method:

By layers application

- Open the DESMOPOL DW metal tin and stir up to homogenize
- Extended a first coat using a short hair roller, maximum thickness 1,0 mm, (applying the material without dilution)
- Wait for complete drying (depend on the weather conditions), about 5~6 hours
- Then, apply the next coat, in the same way as above
- Repeat this process as many times as necessary to achieve the desired or recommended thickness.
- two days after finishing application, clean up the surface, using a neutral soap
- wait 6 days from the application, to fill completely with water

REPAIR AND OVERLAPS PROCESSES

REPAIR

In cases where the membrane repair by accidental causes, or assembly procedures not covered installations that require drilling on polyurethane membrane DESMOPOL DW, the procedure is required, shall be as follows:

- cut, removal of the affected area and / or damaged surface
- sanding this area extending about 20~30 cm. around the perimeter, for overlapping security
- cleaning (vacuuming) of waste generated (powder, dust...); if it's possible don't use water, and if used, support humidity value; ketones applicability based solvents for reducing this type of surface cleaning
- apply thin layer (± 80 g/m²) of polyurethane resin PRIMER PU-1000
- light spread SILICA SAND over the wet primer applied before
- wait for the total drying
- apply DESMOPOL DW

OVERLAPS

In cases has been exceeded recoat time (48~72 hours), so the waiting time between jobs is prolonged, proceed as follows:

- sanding strip longitudinal overlap of about 20~30 cm. wide
- cleaning (vacuuming) of waste generated (powder, dust...)or existing dust; if it's possible, do not use water, and if it's used, check the support humidity value; ketones applicability based solvents for conducting this type of surface cleaning
- apply thin layer (± 80 g/m²) of polyurethane resin PRIMER PU-1000.
- light spread SILICA SAND over the wet primer applied before
- wait for the total drying
- apply DESMOPOL DW



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: 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)

COMPLEMENTARY PRODUCTS

The DESMOPOL DW membrane may be complemented with the following products as a means of protection or to improve its physical-mechanical properties depending on its exposure, the desired finish or the type of substrate.

- PRIMER EP-1020: mixed with silica sand (ratio±1:4), or calcium carbonate (ratio±1:2) this is used to fill in depressions in concrete surfaces, rapidly providing a firm and fast drying even base.
- PRIMER PU-1050 | PRIMER EPw-1070 | PRIMER PUc-1050 | PRIMER PU-1000: These primers are applied on the substrate beforehand to improve bonding and level the surface, as well as regulating the humidity in the substrate (see permitted levels in their technical data sheet).
- TECNOBAND 100: cold bond deformable band made up of an upper layer of non-woven textile and lower layer of viscose self-adhesive coating, which together allow it to adapt to the shape of the substrate. This band is ideal when dealing with structural joints and overlapping metal materials.
- MASTIC PU: polyurethane mastic for filling joints and fissures (use together with TECNOBAND 100 when necessary).

NOTE: see all the TDS of all products, or consult our technical department



TECHNICAL DATA

PROPERTIES	VALUES
Specific gravity at 23°C ISO 1675	1.200±5% kg/m ³
Viscosity at 23 °C (A+B) ISO 2555	12.500 ±200 cps
Solids content ISO 1768	100%
Tensile strength at 23°C ISO 527-3	±8MPa
Elongation at break at 23°C ISO 527-3	>100%
Fire reaction	Euroclass F
Support/environment range temperatures	5 °C~35 °C
Hardness Shore A at 23 °C DIN 53.505	>90
Hardness Shore D at 23 °C DIN 53.505	>50
Initial dry time at 23 °C and 55% relative humidity	±5~6 hours
Recoat time	±6~24 hours
Concrete adherence at 23°C	>1,5MPa

The values in this table are approximate and can vary depending on the situation of the support or application methodology employed

