

LIQUID COLORED MEMBRANES



Vodicolor PUR

**Liquid elastic colored
waterproofing
polyurethane
one-component
solvent-based
membrane**



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FEATURES

VODICOLOR PUR is an elastic, one-component, water-hardening polyurethane membrane for waterproofing and re-waterproofing of all shapes and sizes of surfaces.

In compliance with ETAG-005-6W2 requirements.

PRIMARY USES

- Waterproofing of terraces and balconies
- Protections of expanded polyurethane panels
- Waterproofing coating for roofs and concrete structures with no traffic
- Waterproofing of hanging gardens
- Coating under tiles or on bricks, asbestos cement
- For applications with specific requirements, please contact our technical service
- Re-waterproofing of old bituminous membranes

The advantages of the product are:

- Simple and practical application
- Low costs and long life cycle
- Good elasticity
- Excellent adhesion
- Resistance to stagnant liquids and roots
- Uniform appearance

INSTRUCTION FOR USE

VODICOLOR PUR must be applied on dry surfaces, free of dust, greases, oils and parts of release. The cementitious substrate must be healthy and compact and must have good mechanical strength. If in doubt, carry out verification tests.

It will be absolutely necessary to treat in advance all the critical points (corners, edges, cracks and joints) present on the roof object of the intervention, applying the product with interposition between one passage and another of a band of TNT (60 gr./mq .) of suitable width, using it as a connecting element between the horizontal and vertical surfaces.

For the construction of roof gardens, the use of TNT on the entire surface is recommended. Before use **VODICOLOR PUR** must be mixed for about 2 minutes, avoid mixing the product further.

Apply the next coat on the previous one when it is already dust free.

It is recommended not to apply **VODICOLOR PUR** in layers greater than 0.6 mm. at a time. If necessary, during maintenance, further coats can be applied by brush. If an anti-abrasion surface is needed, quartz can be sprayed over the wet surface.

In the presence of chalking surfaces it will be advisable to use the water-based epoxy primer (VODIEPOXY PRIMER).

TECHNICAL SPECIFICATIONS

Economic system:

- 1 coat of VODICOLOR PUR 0.40-0.50 Kg./sqmt. (used as a primer by diluting it to 10% with VODISINT)
- 1 coat of VODICOLOR PUR 1 Kg./sqmt.

High performance system with UV protection

(system guaranteed by insurance policy):

- 1 coat of VODICOLOR PUR 0,20-0,30 Kg./sqmt. (used as a primer diluting it to 10% with VODISINT)
- 2 coats of VODICOLOR PUR 1 Kg./sqmt. per coat, incorporating VODITES in the 1st coat (TNT 60/100 gr.)
- 1 coat of VODIRESIN ECOFINISH (aliphatic transparent finish) 0.5 Kg./sqmt.

Spreading the powder on the still fresh product:

- 1 coat of VODIRESIN ECOFINISH 0.5 Kg./sqmt.

The consumptions shown here are theoretical and do not take into account further material consumptions due to the porosity of the surface, the surface profile, the level variations. Waiting times between coats of VODICOLOR PUR: 36h at + 10°C; 24h at + 20°C; 16h at + 30°C.

Chemical basis:	polyurethane
Colors:	white, grey
Specific gravity:	1,250 ± 2% gr./ml (EN ISO 2811-1)
Solid content:	> 85% ± 2%
Hardening:	2,5 mm. in about 24 hours
Permeability to vapour:	$\mu \geq 1000$ (EN 1931) 25 g/m ²
Elongation at break:	5 N/mm ² (DIN 53504)
Elasticity:	450%
Shore A hardness:	35/40
Application temperature:	from + 5°C to + 35°C
Operating temperature:	from - 20°C to + 80°C
Consumption:	from 1 to 3 Kg./sqmt. (in more steps)
Packaging:	Kg. 5; Kg. 10; Kg. 20
Storage:	12 months in original cans

PRECAUTIONS

Do not expose the uncured material to sunlight or other heat sources. Following exposure to UV rays, the coating of VODICOLOR PUR tends to change its color slightly without the loss of its physical properties occurring. For the application of the product at low temperatures (below + 10 ° C), in order to obtain a faster vulcanization, it is possible to use the accelerator CATAPUR SOL, mixing it slowly and uniformly with the product for a few minutes. Consumption varies according to temperature and ranges from 0.1% to 1% of the weight of the can. However, it is essential to proceed with small tests in order to evaluate the right amount to use. At the optimal conditions of 20-25 ° C and a relative humidity of 50-60%, VODICOLOR PUR reaches 80-90% of its properties in 3-5 days; its complete cross-linking takes place in 8-10 days.

For any information and advice on safety standards and for use and storage, the user must refer to the most recent Safety Data Sheet containing physical and toxicological data and all other related safety data. Hands and tools can be cleaned with nitro thinner. Store the product in the original packaging in a dry place away from sunlight at temperatures between + 5 ° C and + 25 ° C. The stability of the product is 12 months from the production date, stored following the indications.

