



PROPOL 2K

365

**Polyurethane Based
Two Component Waterproofing Product
Suitable for Drinking Water**

PRODUCT DESCRIPTION:

It is a polyurethane-based, solvent-free, two-component, waterproofing and protection membrane designed for drinking water tanks.

FEATURES:

It is suitable for use in drinking water tank insulation.

It is solvent free.

When applied, it creates a one-piece waterproofing layer that does not allow for joint formation or the possibility of leakage.

Since it is a pure polyurethane, it can come into contact with water continuously.

Heat resistance performance in wide temperature range is between -40° C and +80° C.

Even if the waterproofing layer is damaged in any way, the damaged part can be easily repaired in a short time.

It is resistant to chemicals.

PRODUCT INFORMATION:

Chemical Base Polyurethane

Appearance / Color Liquid / Blue & White & Gray

PERFORMANCE:

(23°C, 50% RH)

Density:	1.35 gr/cm ³ ±0.02 ASTM D 1475/EN ISO 2811-1 (20° C)
Viscosity:	9000-10000 cp ASTM D 2196/EN ISO 3219(25° C)
Hardness :	40 (Shore D) ASTM 02240
Adhesion to Concrete :	< 2 N/mm ² ASTM D 903
Drying time:	6 hours
Recoat :	12-24 hours
Full Drying :	7 days

These values have been obtained as a result of laboratory experiments and are valid for the performance of the finished applications at the end of the full drying period. Since the temperature and humidity values in the construction site environment and the application surfaces and areas will vary, the values may change.



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USAGE AREAS:

drinking water tanks,
Drinking water distribution channels,
irrigation channels,
concrete surfaces,
Gypsum and cement panels,
It can be used in indoor and outdoor application areas.

APPLICATION INSTRUCTIONS:

Surface; It should be cured, dry and solid. It must be cleaned of residues such as oil, grease, dirt, paint, salt vomit that will prevent adhesion. If there are cracks or breaks on the surface, they should be repaired with PROREPAIR PLUS, PROMORTAR EPO or PROEPO ANCHRAJ at least 24 hours in advance. Curvatures that may cause ponding should be corrected. The application surface must be flat and without slope.

It is ready to use. Do not add or dilute any external substance.

Application Equipment:

Roller brush

The floor should be primed with PROPOL PR, PROPOL or suitable primer beforehand. It should be applied to the prepared surface with a brush, trowel or spray. By pouring on the primed surface or dipping into a bucket, min. should be applied twice. After the first coat is applied, min. 8, max. The second coat should be applied within 24 hours. In floor applications, a single coat of 1.40 Kg / m² can be applied. Waiting between coats should not exceed 48 hours. Tools used after the application should be cleaned within 2 hours.

LIMITATIONS:

Please obey to the application instructions to obtain optimum quality. It should not be applied when it is raining or in situations where it is likely to rain. It should be protected from frost, sun and strong wind for the first 24 hours after the application. The application should be made on the part of the structure that comes into contact with water. Since the curing of the material will be slower in cold weather, it should be ensured that the first layer is completely dry before applying the 2nd layer. It is necessary to pay attention to the application temperature, and to apply in the temperature range of +5°C to +30°C.



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CONSUMPTION:

0.500 – 0.750 Kg/m² for each floor
Total theoretical consumption 1.0 – 1.50 Kg/m²

PACKAGING:

A: 24 kg B: 4 KG : 28 kg tin packaging
A: 6 kg B: 1 KG: 7 kg tin packaging

SHELF LIFE:

It is 1 year from the date of production in its original packaging in dry and non-humid (temperature between +5 C and +25 C) environments. The lid of the containers should be tightly closed when not in use. It should be kept away from moisture.

STORAGE CONDITIONS:

It should be stored in its unopened original package, in a moisture-free, dry and cool (temperature between +5 C and +25 C) environment. It should not be left under direct sunlight.

SECURITY:

During the application, smoking should not be allowed and should be worked in well-ventilated environments away from naked flames. Avoid contact with skin and eyes. Use protective gloves, goggles and clothing. In case of eye contact, rinse with plenty of water and seek medical advice immediately. Keep out of reach of children. In case of skin contact, wash with plenty of water and soap. Do not swallow. For detailed information and recommendations, please refer to the Safety Data Sheet.

DEKOSTAR San.ve Tic.Ltd. Şti. is not responsible for any application errors that may occur if the product is used for purposes other than its intended use or if the above-mentioned application conditions and recommendations are not followed. Dekostar reserves the right to change its products. Users should consider the latest edition of the Technical Data Sheet of the relevant product.