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## Waterproofing membrane AQUAPLAST 825

### PRODUCT DESCRIPTION

**AQUAPLAST 825** is a non-reinforced waterproofing membrane made on the basis of plasticised polyvinyl chloride (PVC-P). The membrane is stabilised against UV radiation.

### TECHNICAL PARAMETERS

Parameter	Standard	Value for assigned thickness		
		1.00 mm	1.20 mm	1.50 mm
Watertightness, 400 kPa	EN 1928 method B	pass		
Resistance to static load	EN 12730 method B	≥ 20 kg		
Tensile strength	EN 12311-2 method B	15 N/mm <sup>2</sup>	15 N/mm <sup>2</sup>	15 N/mm <sup>2</sup>
Elongation at break		≥ 220 %	≥ 220 %	≥ 230 %
Durability of watertightness against artificial ageing, 60 kPa	EN 1296 EN 1928	pass		
Durability of watertightness against chemicals, 60 kPa (Ca (OH) <sub>2</sub> , 10% NaCl)	EN 1847 EN 1928	pass		
Resistance to impact	EN 12691 method A	≥ 600 mm		
	EN 12691 method B	≥ 1750 mm		
Tear resistance	EN 12310-1	≥ 160 N	≥ 200 N	≥ 240 N
Joint strength	EN 12317-2	≥ 460 N/50 mm	≥ 550 N/50 mm	≥ 650 N/50 mm
Water vapour transmission - factor μ	EN 1931	25000 ± 30 %		
Mass per unit area <sup>*)</sup>	EN 1849-2	1,23 kg/m <sup>2</sup>	1,47 kg/m <sup>2</sup>	1,82 kg/m <sup>2</sup>
Straightness	EN 1848-2	≤ 50 mm		
Visible defects	EN 1850-2	pass		

<sup>\*)</sup>  
informative value

## APPROVALS / CERTIFICATES

- Declaration of performance and CE marking according to harmonised EN 13967
- Attest for direct long time contact with drinking water according to the Decree of the Ministry of Health of the Czech Republic No. 409/2005 Sb.

## DIMENSIONS

Thickness [mm] (EN 1849-2)	Width [mm] (EN 1848-2)	Length [m] (EN 1848-2)	Quantity on the roll [m <sup>2</sup> ] <sup>*)</sup>
1.00	2000	25	50
1.20	2000	25 20	50 40
1.50	2000	20	40

*Other lengths can also be produced upon agreement between the manufacturer and the customer.*

*Thickness tolerance:  $\pm 10$  %, width tolerance:  $-0.5$  % /  $+1$  %, length tolerance:  $-0$  % /  $+5$  %*

<sup>\*)</sup>  
*informative value*

## COLOUR AND APPEARANCE

AQUAPLAST 825 is produced in the colour white-grey ~ RAL 7047.

The colour shade of various production batches of the membranes may differ. Minor colour differences are not considered justified grounds for a claim.

AQUAPLAST 825 has a smooth matt surface.

## USAGE

AQUAPLAST 825 is designed for waterproofing of reservoirs, tanks and other constructions that come into the direct contact with drinking water.

AQUAPLAST 825 is not intended to be used in swimming pools.

## APPLICATION

The laying of AQUAPLAST 825 can be made by specialized and for this purpose trained firms at the constructions.

AQUAPLAST 825 is applied in compliance with the principles determined and described in the Construction and Technological Instruction FATRAFOL-A (PN 5422/2017), as amended at the time of the membrane's application, which is available at [www.fatrafol.cz](http://www.fatrafol.cz).

## STORAGE

Store at temperatures between  $-5$  °C and  $+30$  °C. On the site, it is necessary to protect the membrane against pollution. It is recommended to protect the membrane against weather effects until it is applied.

## MORE INFORMATION

For more information, please see the manufacturer's website [www.fatrafol.cz](http://www.fatrafol.cz).

## LEGAL CLAUSE

The technical data contained herein is based on our current knowledge and experience and relate to the use of the products under normal conditions for application. The information that is included in the current Technical Data Sheet is determined by the method of use and is incomplete. Before using this product, the user is obliged to check whether the product is suitable for the intended use. In addition to that, all users should contact the dealer or manufacturer of this product to obtain additional technical information regarding its use in case they are of the opinion that the information available to them requires some explanation, for both the standard and specific use of this product. Please always make sure that you have the latest version of the product's Technical Data Sheet at your disposal. This Data Sheet and additional information can be obtained from the sales or technical representative of the manufacturer or on the manufacturer's website.

## PRODUCER

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