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Pond liner AQUAPLAST 805E

PRODUCT DESCRIPTION

AQUAPLAST 805E is a non-reinforced plasticized polyvinyl chloride (PVC-P) membrane.

TECHNICAL PARAMETERS

Parameter	Standard	Value for assigned thickness	
		0.50 mm	0.60 mm
Watertightness 400 kPa	EN 1928 Methode B	pass	
Resistance to static load	EN 12730 Methode B	≥ 20 kg	
Tensile strength	EN 12311-2	≥ 12 N/mm ²	≥ 12 N/mm ²
Elongation at break	Methode B	≥ 180 %	≥ 180 %
Durability of watertightness against artificial ageing, 60 kPa	EN 1296 EN 1928	pass	
Durability of watertightness against chemicals, 60 kPa (Ca (OH) ₂ , 10% NaCl)	EN 1847 EN 1928	pass	
Resistance to impact	EN 12691 Methode A	≥ 250 mm	≥ 250 mm
	EN 12691 Methode B	≥ 1000 mm	≥ 1000 mm
Tear resistance	EN 12310-1	≥ 30 N	≥ 30 N
Joint strength	EN 12317-2	≥ 180 N/50 mm	≥ 180 N/50 mm
Water vapour transmission - factor μ	EN 1931	20000 ± 30 %	
Mass per unit area ^{*)}	EN 1849-2	0.64 kg/m ²	0.76 kg/m ²
Straightness	EN 1848-2	≤ 50 mm	
Visible defects	EN 1850-2	pass	

^{*)}
informative value

APPROVALS / CERTIFICATES

- Declaration of performance and CE marking according to harmonised EN 13967

DIMENSIONS

Thickness [mm] (EN 1849-2)	Width [mm] (EN 1848-2)	Length [m] (EN 1848-2)	Quantity on the roll [m ²] ^{*)}
0.50	2010	1000	2010
0.60	2010	1000	2010

The membrane can be produced in other dimensions upon agreement.

Tolerance of effective thickness: ± 10 %, tolerance of width: -0.5 % / $+1$ %, tolerance of length: -0 % / $+5$ %

^{*)}
informative value

COLOUR AND APPEARANCE

AQUAPLAST 805E is produced in non-standard black colour.

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

AQUAPLAST 805E is a smooth membrane with matt surface.

USAGE

AQUAPLAST 805E is designed for waterproofing of garden ponds and various water bodies. We recommend to secure the installed membrane against direct UV-rays influence, in order to increase the life span of the membrane.

APPLICATION

The laying of AQUAPLAST 805E can be made by specialized and for this purpose trained firms at the constructions.

AQUAPLAST 805E 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.

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.

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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