



Waterproofing membrane AQUAPLAST 825/V

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Product description	<p>AQUAPLAST 825/V is a non reinforced membrane on base of plasticized polyvinylchloride (PVC-P). The membrane is produced by extrusion.</p> <p>Membrane is stabilized to UV radiation.</p>
Usage	<p>AQUAPLAST 825/V is identified for waterproofing of reservoirs, tanks and other constructions coming into the direct contact with drinking water.</p> <p>AQUAPLAST 825/V is not intended for use in swimming pools.</p>
Application	<p>Handling, jointing and laying of the membrane can be made under the temperature till up to 0 °C; the membrane application is recommended to make under the temperature till up to +10 °C. The membrane can be mutual jointed by hot air welding. Membrane overlap at jointing must be at least 50 mm in all cases.</p>
Warranties	<p>Warranties for the trouble-free waterproofing function of coating insulation are subject to the waterproofing providing by specialized firms having a theoretical know-how and practical experiences of working with PVC-P waterproofing membranes. Warranties do not relate to the functionality losses of waterproofing coat in case of unprofessional material instalment or membrane mechanical damage caused by rough handling or by outside fault.</p>

Product data

AQUAPLAST 825/V fulfils requirements of the Standard EN 13967.

Dimensions:

Thickness [mm] (EN 1849-2)	Width [mm] (EN 1848-2)	Length [m] (EN 1848-2)	Quantity [m ²]
1.00 ± 0,12	2000 (-10; +20)	25 (-0; +1)	50
1.20 ± 0.12	2000 (-10; +20)	25 (-0; +1) 20 (-0; +1)	50 40
1.50 ± 0.15	2000 (-10; +20)	20 (-0; +1)	40

The further roll package volume can be agreed according to customer demand.

Colour:

AQUAPLAST 825/V is produced in a colour of grey RAL 7047.

Packing, transport, storage:

AQUAPLAST 825/V is packed into the rolls, which are laid on the wood pallets and fixed by a packing film. AQUAPLAST 825/V must be transported in covered transporting means and stored in original closed packing. The recommended storage temperature is from -5 °C to +30 °C. There is necessary to protect the product from pollution at the building site. There is recommended to protect it from weathering influences till the processing time.

Technical parameters:

Characteristics	Test standard	Value		
		1.00 mm	1.20 mm	1.50 mm
Visible defects	EN 1850-2	pass	pass	pass
Straightness	EN 1848-2	≤ 50 mm	≤ 50 mm	≤ 50 mm
Tensile strength	EN 12311-2 method B	≥ 12 N/mm ²	≥ 15 N/mm ²	≥ 15 N/mm ²
Elongation at break		≥ 220 %	≥ 250 %	≥ 275 %
Joint strength	EN 12317-2	≥ 460 N/50 mm	≥ 550 N/50 mm	≥ 650 N/50 mm
Tear resistance	EN 12310-1	≥ 160 N	≥ 200 N	≥ 240 N
Resistance to static load	EN 12730 method B	pass 20 kg	pass 20 kg	pass 20 kg
Water tightness to liquid state 400 kPa	EN 1928 method B	pass	pass	pass
Impact resistance	EN 12691 method A	≥ 600 mm	≥ 600 mm	≥ 600 mm
	EN 12691 method B	≥ 1750 mm	≥ 1750 mm	≥ 1750 mm
Durability of watertightness against artificial ageing	EN 1296 EN 1928	pass	pass	pass
Durability of watertightness against chemicals (Ca(OH) ₂ ; 10% NaCl)	EN 1847 EN 1928	pass	pass	pass
Water vapour properties - factor μ	EN 1931	15000 ± 30 %	15000 ± 30 %	15000 ± 30 %

Safety instruction	Safety at work and health protection There is necessary to keep all safety, hygienic and fire regulations valid in the time of laying and membrane joining. When is it jointed by hot air welding in enclosed areas there must be adequate ventilation (extraction) resulting from combustion gases.
Related documentation	<ul style="list-style-type: none">● FATRAFOL-A - Construction and technological instructions for the application of waterproofing membranes in ponds and water tanks● Certificate of conformity of the factory production control according to EN 13967:2012, emitted by CSI, a. s., Prague, workstation Zlín● Attest for the direct long time contact with drinking water, emitted by ITC, a. s., Zlín
Legal Clause	The technical data contained herein are based on our current knowledge and experience and relate to the use of products under normal application conditions. The information that is included in the current technical data sheet is provided according to a method of use and is incomplete. Before using this product, the user has to check whether the product is suitable for intended use. In addition to that, all the users should contact the dealer or manufacturer of this product to obtain further technical information regarding its use if they are of the opinion that the information available to them requires any explanation, for both the normal and specific use of this product. Please always check that you have the latest version of the product technical data sheet at your disposal. This data sheet and further information can be obtained from the sales or technical representative of the manufacturer or at the website www.fatrafol.cz .
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