fatrafol®

DATA SHEET

TL 5-1029-15
Issue No.: 3
Effective from: 20.04.2020

Uncontrolled printing

Waterproofing membrane STAFOL 914 P

Product description

STAFOL 914 P is an unreinforced membrane on a base of plasticized polyvinylchloride (PVC-P). STAFOL 914 P is produced by calendering.

Usage

STAFOL 914 P is identified for waterproofing of peripheral masonry to moisture capillarity like there are new objects, then at waterproofing providing of old objects. The membrane is not identified for the applications, where it will be directly exposed to the atmospheric influences (mainly UV-radiation) for a long time; it cannot be used like a waterproofing to power water.

Application

STAFOL 914 P is applied conformable with fundamentals set and described in the Construction and Technological Prescription of the Producer being valid in the time of waterproofing providing.
The membrane can be mutual joined by hot air welding, for joining of thin membranes *) is used heat key. The laying and joining can be made under the temperature till up to 0 °C.

Product data

STAFOL 914 P fulfils requirements of the Standard EN 14909.

Dimensions:

Thickness [mm] (EN 1849-2)	**Width [mm]** **) (EN 1848-2)	**Length [m]** **) (EN 1848-2)	**Quantity [m²]**
0.50 (+ 0; - 0.07) *) **0.80** (+ 0; - 0.08) **1.00** (+ 0; - 0.10) **1.20** (+ 0; - 0.08)	115 ± 4	25 (- 0; + 1.2)	2.875
	150 ± 4		3,75
	175 ± 4		4.375
	200 ± 4		5
	240 ± 4		6
	250 ± 4		6.25
	300 ± 4		7.5
	365 ± 4		9.125
	500 ± 4		12.5
	600 ± 4		15
	750 ± 4		18.75
	1000 ± 4		25
1.20 (+ 0; - 0.08)	2010 ± 20	400 (- 0; + 8)	804
**) Another width and length must be discussed with the manufacturer in advance			

Colour:

STAFOL 914 P is produced in non-standard black colour.

Packing, transport, storage: STAFOL 914 P is packed into the rolls, which are laid on the wood pallets and fixed by a packing film. STAFOL 914 P 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:

Characteristic	Test standard	Values of individual product thicknesses			
		0.50 mm	**0.80 mm**	**1.00 mm**	**1.20 mm**
Visible defects	EN 1850-2	pass			
Straightness	EN 1848-2	pass			
Water tightness to liquid water 2 kPa	EN 1928 method A	pass			
Resistance to static load	EN 12730 method B	pass 20 kg			
Tensile strength	EN 12311-2 method B	≥ 12 N/mm^2	≥ 12 N/mm^2	≥ 12 N/mm^2	≥ 12 N/mm^2
Elongation at break		≥ 200 %	≥ 100 %	≥ 100 %	≥ 100 %
Durability of watertightness against artificial ageing	EN 1296 EN 1928	pass			
Durability of watertightness against chemicals ($Ca(OH)_2$; 10% NaCl)	EN 1847 EN 1928	pass			
Impact resistance	EN 12691 method A	pass 450 mm	pass 450 mm	pass 450 mm	pass 450 mm
	EN 12691 method B	pass 900 mm	pass 900 mm	pass 900 mm	pass 900 mm
Tear rezistance	EN 12310-1	≥ 30 N	≥ 100 N	≥ 110 N	≥ 130 N
Reaction to fire	EN 13501-1	Class E			
Joint strength	EN 12317-2	≥ 200 N/50 mm	≥ 300 N/50 mm	≥ 350 N/50 mm	≥ 350 N/50 mm
Water vapour transmission - factor μ	EN 1931	30000 ± 30 %			
Mass per unit area - informative value	EN 1849-2	670 ± 100 g/m^2	980 ± 100 g/m^2	1280 ± 100 g/m^2	1520 ± 100 g/m^2

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.

Related documentation

- Construction and technologic regulation of waterproofing system FATRAFOL-H (PN 5416/2011)
- Report about an assessment of the product according to the Standard ČSN EN 14909:2012 ed. , emitted by CSI, a. s., Prague, workstation Zlín

Producer:

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