


## The three-layer membrane for waterproofing and damp AlphaProPlus

1. **Technical specification:** PN-EN 13967: 2012 Flexible sheets for waterproofing – Plastic and rubber damp proof sheets including plastic and rubber basement tanking sheet – Definitions and characteristics
2. **Manufacturer/Place of production:** Alpha Dam Sp. z o.o., 87-207 Dębowa Łąka 45
3. **Product description:** Three-layer membrane, consisting of polyethylene core, laminated with nonwoven fabric on one side. Due to use of the AlphaProPlus technology, the membrane is very durable and light, external layer ideally connects with bricklaying mortar and concrete.
4. **Intended use and scope of application:**
  - 4.1. Plastic or rubber sheet used on or under floors/ground slabs or in walls to prevent liquid water not under hydrostatic pressure passing from the ground into the internal environment
  - 4.2. Sheet used in wall construction or in or under floors or ground slabs to prevent liquid water under hydrostatic pressure passing from the ground into the internal environment or from one section of the structure to another.
5. **Laying method:**
  - 5.1. Laying between 2 layers of bricklaying mortar horizontally
  - 5.2. Horizontally laid directly on wall or to thermoinsulating board
6. **Information for the user:**
  - 6.1. Placement conditions:  
An AlphaProPlus membrane placement should be carried out under conditions, which enable normal masonry work. Placements should not be carried out at temperatures below -5 °C
  - 6.2. Use conditions:  
A damp-proofing and waterproofing with AlphaProPlus membranes should be carried out according to a technical project prepared in compliance with valid building code
  - 6.3. Bonding:  
The AlphaProPlus parts should be bond by pressure welding with hot air. A bonding with a polymer adhesive is also possible. When using both methods there should be an overlap of minimum 5 cm in width.
  - 6.4. Storage:  
Before the use at construction site an AlphaProPlus membrane should be stored in its original packing protected against solar radiation.

	<b>Product Technical Information</b>	Number	IT.003
		Date of issue	13.09.2016
		Version	4.0
		Waterproofing	

## 7. Warranty

Warranty covers waterproofness of the product for 10 years from date of purchase.

The condition for use of the warranty is:

1. Use of the product according to the Technical Information of the Product and Service Manual.
2. Storage of the product according to the Technical Information of the Product
3. The above guidelines are based on current state of the knowledge, experience and result of the tests. They do not bear the legal liability and do not release the contractor from the liability for executed works and necessity to adhere to the conditions on the construction site. Corresponding standards and generally accepted good building practices as well as conditions at the construction site shall be taken into account during works.
4. Documentation of purchase based on the purchase invoice or ID no. of the product

## 8. Information on the CE marking

In accordance with the requirements ensuing from the standard PN-EN 13967:2012




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Certificate of Conformity of the Factory Production Control No 1023-CPR-0446

Use of the CE marking is subject to Plant's Production Control by the Institut Pro Testovania Certifikaci a.s. notified body no. 1023.



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9. Product characteristics:

Essential characteristics	Unit	Performance	
		Single	Double
Visible defects	-	brak	brak
Length	m	25 (0% do +5%)	25 (0% do +5%)
Width	m	1,500 (0% do +1%)	1,500 (0% do ±1%)
Straightness	mm	≤ 30/10 mb	≤ 30/10 mb
Thickness	mm	1,300 (±5%)	1,400 (±5%)
Mass	kg/m <sup>2</sup>	1,150 (±5%)	1,200 (±5%)
Water tightness	60 kPa method B	watertight	watertight
Water tightness	400 kPa method B	watertight	watertight
Water tightness	0,1 MPa method B	watertight	watertight
Resistance to static loading	kg method B	≥ 20	≥ 20
Tensile properties:	method A		
Maximum strength:			
- in longitudinal direction:	N/50mm	≥ 500	≥ 500
- in transverse direction:	N/50mm	≥ 400	≥ 400
Elongation:			
- in longitudinal direction:	%	≥ 400	≥ 400
- in transverse direction	%	≥ 100	≥ 100
Durability			
- watertightness after artificial ageing	60 kPa method B	Watertight	Watertight
- alkali resistance		no cracks and holes	no cracks and holes
Tear resistance:			
- in transverse direction:	N	≥ 400	≥ 400
- in longitudinal direction:	N	≥ 450	≥ 450
Resistance to impact	mm Method A	≥ 300	≥ 300
Joint strength	N	≥ 400	≥ 400
Reaction to fire	class	E	E
Dangerous substance	-	don't contain	don't contain

Signed for and on behalf of the manufacturer by:

*Majek Iwona*

Proxy Iwona Majek

Dębowa Łąka, 13 September 2016 r.