

EPDM tapes for waterproof building insulation

Waterproof insulation tape for the joints of the door frame or window frame and the wall as well as for the joints of the facade cladding panels with a metal or wooden construction



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Technical Specification

PN-EN 14909:2012, Flexible sheets for waterproofing. Plastic and rubber damp proof courses. Definitions and characteristics.

Manufacturer/place of manufacture

Alpha Dam Sp. z o.o., 87-207 Dębowa Łąka 45.

Product description

Single-layer membrane made of EPDM elastomer, vapor permeable.

Intended use and scope of application

- Waterproof insulation of the connections between the woodwork or carpentry and the wall.
- AlphaFacade OUT can be used as a course to prevent penetration of water or in to the wall construction. Used on the outside of the internal wall AlphaFacade OUT protects the wall from entering rainwater and allows a free evaporation of moisture from the inside of the wall construction to the outside.
- AlphaFacade OUT can also be used as a waterproof protection of the subframes under the the cladding panels.
- An additional function of AlphaFacade OUT is an easier movement of subframe and facade cladding system, resulting from changes of temperature and moisture.

Mounting method

- mechanical assembly (with stitches to wooden subframe).
- using adhesive for a mechanical connection between the window frame and the wall.
- assembly on the subframe under each gap between the cladding panels.

Users information

Laying conditions

AlphaFacade OUT tape should be laid in conditions allowing execution of building works and it should not be laid in temperatures below -15°C .

AlphaFacade OUT should be glued on a prepared surface, free from dust, contamination and grease in the location of the assembly to the subframe, on which the facade cladding system will be mounted.

Conditions of use

Execution of the waterproof membrane using AlphaFacade OUT membrane should be made acc. to the basic design prepared in conformance with applicable building regulations.

Storage

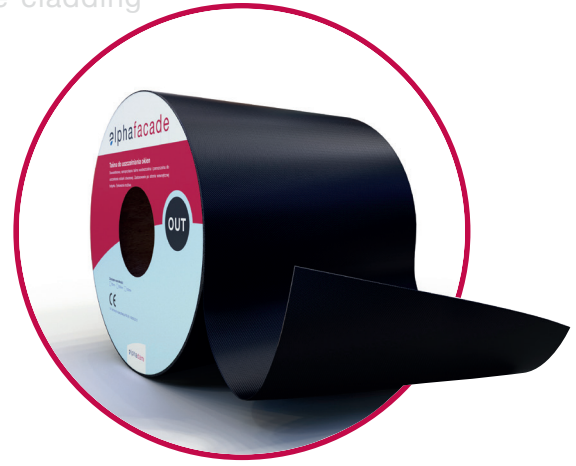
AlphaFacade OUT should be stored before use on the construction site in the original packaging. AlphaFacade OUT is made of EPDM elastomer, its storage duration before assembly is not limited.

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Packaging specification

Width (mm)	Length (m)	Rolls/Box	Running m/ Box
100	25	4	100
150	25	4	100
200	25	4	100
250	25	2	50
300	25	2	50
400	25	2	50
500	25	2	50



AlphaFacade basic OUT

Technical Data Sheet

Thickness	mm	0.750 (±5%)
Water tightness	100 kPa Method B	watertight
Resistance to static loads	kg	≥ 20
Resistance to impacts	mm method A	≥ 2000
Flexural strength in low temperatures	°C	≤ -30
Resistance to the impact of asphalt (resistance determined by water tightness)	40 kPa	watertight
Durability		
• water tightness after artificial ageing		
• in alkali environment	2 kPa Method A	watertight
Resistance to tearing (nail)		
• longitudinal direction	N	≥ 140
• transverse direction	N	≥ 160
Resistance to water vapour transmission:		
• Steam stream density	g[kg/(m ² s)]	1.02 x 10 ⁻⁸
• Diffusion resistance of steam	(m ² s Pa)/kg	2.08 x 10 ⁺¹¹
• Diffusion resistance coefficient	μ	15,400
• Value Sd	Sd[m]	15
Reaction to fire	class	E
Hazardous substances	-	does not contain