

# alphawave

Self-adhesive Flashing Tape from EPDM rubber AlphaWave



alphadam

## Self-adhesive Flashing Tape from EPDM rubber AlphaWave

### Technical Specification

EN 13956:2013-06, Flexible sheets for waterproofing - Plastic and rubber sheets for roof waterproofing - Definitions and characteristics. Quality Certificate No: 1023-CPR-0722 F

### Manufacturer/place of manufacture

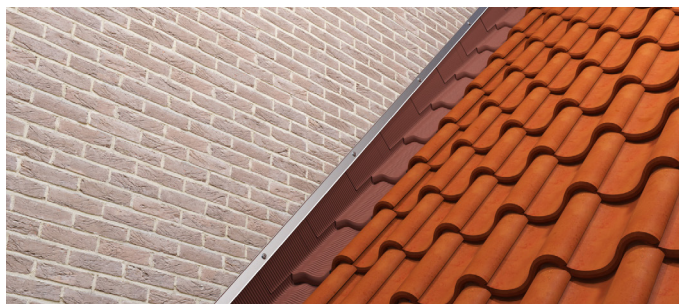
Alpha Dam Sp. z o.o., 87-207 Dębowa Łąka 45.

### Product description

Self-adhesive Flashing Tape manufactured from EPDM-rubber, reinforced with aluminum mesh-core.

### Intended use and scope of application

- Waterproof and damp proof insulation of the connections between the roof tiles and the Chimney, the roof tiles and the dormer windows or the roof tiles and the adjacent wall.



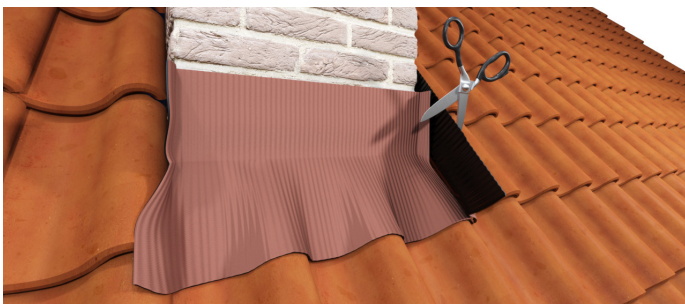
- AlphaWave is an environmentally friendly flashing, which can replace lead in any kind of roof covering applications.
- AlphaWave is a self-adhesive EPDM vulcanizate consisting of stretchable aluminum molded into a special type of rubber. All the three layers are environmentally sound materials
- AlphaWave is completely stable in shape and self-supporting
- Compared with Lead, AlphaWave is significantly lighter, weighs less than 20%!
- AlphaWave has a large expansion capacity
- Because of the butyl adhesive, AlphaWave can be assembled with all kinds of metals
- AlphaWave is available in 4 colors: black, graphite-gray, lead-gray, terracotta-red and chocolate-brown
- AlphaWave can be supplied in standard widths: 300mm, 450mm and 600mm.

### Mounting method

- AlphaWave is assembled by using its own adhesive. The joints can also be glued with its own glue. Afterwards the material is formed with a lead hammer or a rubber hammer. Finally, all joints can be sealed by its own butyl glue.
- Please notice that the adhesive strength will be most effectively when applied at a temperature over 5 °C. The butyl layer is a special adhesive designed for porous surfaces. To increase the adhesive strength in any case or to enable a connection on very smooth surfaces (metal roof or coated tiles), you should use a butyl primer before applying.

## Self-adhesive Flashing Tape from EPDM rubber AlphaWave

- Assemblies should be constructed correctly to obtain the highest possible strength and durability. Joints should not be assembled edge-to-edge. The glued surfaces must always overlap each other by at least 3cm.
- Assembly with other materials also takes place using the own butyl adhesive, which is useable on all metals, glass and porous materials such as concrete or brick. When gluing on porous materials a butyl adhesive primer should be applied first. The gluing process can even be done on various pre- or industrial painted surfaces, specified types of plastic etc. Prior to assembly it is important that the surfaces are thoroughly cleaned. Furthermore, the surfaces should be dry and free from grease, oil and other release agents and loose particles. Also, the surfaces should ideally be depolished, which is easily done using a rough sponge. AlphaWave is assembled by using his own adhesive. The joints can also be glued with his own glue. Afterwards the material is formed with a lead hammer or a rubber hammer. Finally, all joints can be sealed by his own butyl glue.
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### Conditions of use

Execution of the waterproof connection using AlphaWave flashing should be made acc. to the basic design prepared in conformance with applicable building regulations.

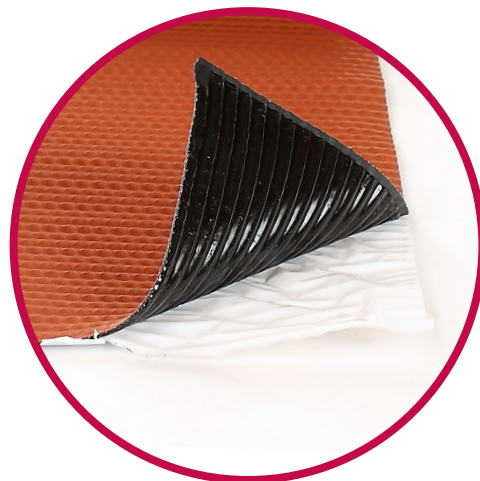
### Storage

AlphaWave should be stored in the original box to avoid unnecessary damage and contamination. Do not store AlphaWave unwrapped in open sun light! This would affect the condition of the butyl glue.

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### Packaging specification

Roll width	No. of rolls on pallet
300mm x 5m	120
450mm x 5m	80
600mm x 5m	60



AlphaWave

### Technical Data Sheet

Reaction to fire	class	E
Water tightness	10 kPa methon B	watertight
Tensile strength:		
• In longitudinal direction:	N/50mm	≥ 180
• In transverse direction:	N/50mm	≥ 250
Elongation		
• In longitudinal direction:	%	≥ 35
• In transverse direction:	%	≥ 20
Static load resistance	Kg	≥ 15
Impact strength	mm	≤ 300
Tear resistance:		
• In longitudinal direction:	N	≥ 99
• In transverse direction:		≥ 124
UV exposure	3000 h	Fulfills test requirements
Flexibility at low temperatures	°C	≥ -30