# EPDM elastomeric AlphaFacade OUT tape for vertical and horizontal damp proofing of facade joints and opening joinery in the construction sector

1. **Technical specification**: EN 14909:2012, Flexible sheets for waterproofing, Plastic and rubber damp proofing courses, Definitions and characteristics

2. **Manufacturer/manufacturing site**: Alpha Dam Sp. z o.o., 87-207 Dębowa Łąka 45

3. **Product description**: Single-layer elastomeric membrane

4. **Intended use and applications:** Damp proofing insulation of building facade joints is used in order to prevent moisture penetration from outside into façade structures, as well as in order to remove damp from building walls, thus avoiding steam condensation. The **AlphaFacade OUT** tape is applied outside the building, in order to seal connections between the substructure of the facade and the wall, between the window joinery and the wall (masonry, facade) of the building, under facade panels, onto the substructure between intermittently installed systems of traditional façade coatings, as well as with modern, ventilated façade systems to prevent penetration of rainfall water through the façade, water migration from joints of the facade coating and to prevent damp penetration into wall structures and to remove it from and outside the building. **AlphaFacade OUT**is applied as a damp proofing layer on substructures supporting façade panels.
   Another function of **AlphaFacade OUT** is facilitating the relative movement of the substructure and of the façade coating, caused by temperature and humidity changes. It can be used as waterproofing for light and medium foundations

5. **Application**:
   **AlphaFacade** – mechanical application (stapled to wooden substructures) or glued to the aluminum, steel, wooden structure, sub-structure
   - ✓ Glued to the building wall; may be reinforced mechanically by joining using dowels, through an aluminum batten,
   - ✓ Installed under every dilatation between the panels.

6. **User instructions**:
   - Application conditions:
     The **AlphaFacade OUT** tape should be applied under standard conditions enabling construction works, do not apply at temperatures below +5 °C
     **AlphaFacade OUT** should be first glued onto a prepared surface, free of dust, dirt and grease, at the assembly location onto the substructure on which façade coating should be installed or onto a window frame and then onto the structure wall. This prevents the rainfall water from reaching the inside of the structural wall of the building at the point of dilatation between façade panels, as well as at dilatations between the façade sub-structure and between the window or door structure and the building structure

- Application conditions:
  Damp proofing using the AlphaFacade OUT tape should be performer according to a technical design prepared according to the state of the art of the construction sector.
- Storage:
  AlphaFacade OUT should be stored in its original packaging before use at the construction site.
  AlphaFacade OUT is made of the EPDM elastomer, it may be stored indefinitely before application.

## 7. Information on the CE marking:

CE 15 In accordance with the requirements ensuing from the standard PN-EN 14909:2012.

## 8. Product characteristics:

| Essential characteristics | Unit | Performance |
|---|---|---|
| Visible defects | - | None |
| Length | m | 20 or 25 (0% to +5%) |
| Width | m | 0,05 – 1,00 (-0,5% to +1%) |
| Straightness | mm | ≤ 75/10 m |
| Thickness | mm | 0,750 or 1,000 (±5%) |
| Mass | kg/m$^2$ | 0,750 or 1,000 (±5%) |
| Watertightness | 2kPa Method A | watertight |
| Watertightness | 60kPa Method B | watertight |
| Watertightness after artificial aging process | 60kPa Method B | watertight |
| Resistance to tearing (nail shank)<br>- longitudinal lap joint<br>- transverse lap joint | <br>N<br>N | <br>50<br>50 |
| Joint strength<br>- longitudinal lap joint<br>- transverse lap joint | <br>N/50 mm<br>N/50 mm | <br>≥ 134<br>≥ 139 |
| Durability<br>- after artificial aging process<br>- after exposure to alkalis | 2 kPa Method A | watertight |
| Resistance to impact | mm Method B | ≥ 800 |
| Resistance to impact | mm Method A | ≥ 200 |
| Resistance to static loading | kg | ≥ 10 |
| Resistance to low temperature | °C | ≤ -40 |

| | | |
|---|---|---|
| Resistance to effects of asphalt (watertightness) | 40 kPa | watertight |
| Water vapour transmission properties:<br>1. Water vapour stream density:<br>2. Water vapour diffusion resistance:<br>3. Diffusion resistance coefficient:<br>4. Sd value: | <br>g[kg/(m$^2$s)]<br>(m$^2$ s Pa)/kg<br>**μ**<br>Sd[m] | <br>2,54 x 10$^{-8}$<br>8,33 x 10$^{+10}$<br>17992,4<br>16,195 |
| Reaction to fire | class | F |
| Danger substances | - | NPD |

For the producer signed (s):

Quality Manager Iwona Majek
Dębowa Łąka, 17 December 2025