

# POLYGOMMA™

*for generations and beyond...*

## EPDM STRIPS



Polygomma™ EPDM Strips can be used to seal the joint between façade/window and the adjacent structure. It not only waterproofs the critical joints, but also makes it air-tight, and protects against moisture. They are also used as a Damp Proof Course (DPC) and for expansion joints.

### The Need for EPDM Strips?

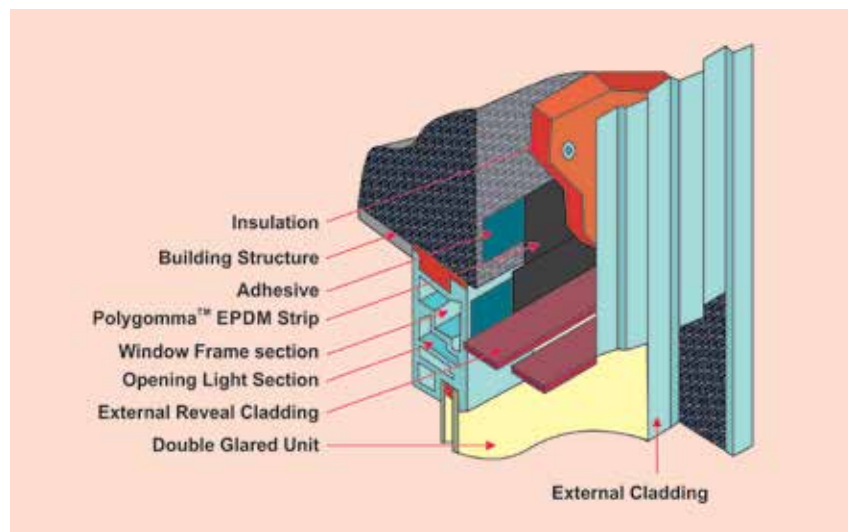
The building facades are subjected to a range of external elements such as rain water, moisture, UV, humidity, etc. This calls for a waterproofing material that is durable, has a long service life, and has good weathering properties.



### Advantages of Polygomma™ EPDM Strips

- ✓ Resists UV, Ozone, Water, Moisture and General Pollutants.
- ✓ Ageing over a period of time is negligible, due to its cross linked structure.
- ✓ Can resist and perform well in temperature ranges from –40°C to 150°C.
- ✓ Sustains movements due to its elongation properties of over 300%.
- ✓ Resists chemical and toxic conditions.
- ✓ The high  $\mu$  value gives it a good water vapour resistance.

| Technical Specifications of Polygomma EPDM Strips |              |                  |
|---|--------------|------------------|
| Physical Property                                 | Test Method  | Polygomma Result |
| Water Tightness (kPa)                             | EN 1928      | Pass             |
| Joint Peel Resistance (N/ 50 mm)                  | EN 12316-2   | ≥50              |
| Tensile Strength (N/mm <sup>2</sup> )             | EN 12311-2   | ≥8               |
| Elongation (%)                                    | EN 12311-2   | ≥300             |
| Resistance to Impact (mm)                         | EN 12691 (A) | ≥150             |
|   | EN 12691 (B) | ≥1500            |
| Tear Resistance (N)                               | EN 12310-2   | ≥25              |
| Dimensional Stability (%)                         | EN 1107-2    | ≤2.0             |
| Foldability at Low Temperatures (°C)              | EN 495-5     | <-45°C           |
| UV Exposure (1000 h)                              | EN 1297      | Pass             |
| Resistance to Ozone                               | EN 1844      | Pass             |
| Water Vapour Transmission (μ)                     | ASTM E 96-16 | 54,259           |



It is the responsibility of the user to check the suitability of the product for its intended use. Suggestions made by Polygomma, orally and/or in writing may either be followed or modified or rejected by end user, engineer, owner, contractor, etc to best suit their purpose. No warranty is given or implied by us as the site conditions and skill of labour used for application is beyond our control. Many factors beyond our control can affect and influence the use and performance of our products at any particular application. Since these factors are uniquely within the users knowledge and control, it is essential that users evaluate the product to determine its suitability for purpose. Please ensure before using that product is suitable for the material intend application. The application procedures and drawings are only for guidance and are suggestions. The buyer/end user should modify the same to suit their requirement/purpose.

Call for more information **+91 22 6605 9800**

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EPDM WATERPROOFING MEMBRANE & POND LINERS

An ISO 9001:2015 Company