

EPDM Self Adhesive Strip

Sealprem always ensure a good quality product is manufactured and supplied, however this alone cannot guarantee a durable and perfect seal every time. Professional guidance and good technical information are equally important. If required, our Technical Team can provide thorough and expert guidance before and during the application of EPDM Self Adhesive Strip.

The data and product descriptions in this publication are drafted based on the latest technology, our experience and research. They form the basis for all defined solutions. From this information, no claims or compensation can arise. We reserve the right to make amendments to products and systems to ensure we continually meet our own high requirements in terms of quality, development and industry regulations. With this release, all previously published issues are no longer valid.

Guidelines for the optimal application of EPDM Self Adhesive Strip

1. **Always observe applicable safety regulations for your working environment.**
2. **Preparation**
 - 2.1 The substrate must be firm, flat, dry, clean, frost-free and clear of all traces of any oil, grease or sharp protrusions at all times. Sharp or uneven surfaces must be levelled. Any loose materials, chalky surfaces etc. must be cleaned and prepared prior to starting work.
 - 2.2 EPDM SELF ADHESIVE STRIP must not be brought into direct contact with a substrate of low-melting bitumen or plastics containing migrating plasticisers, such as PVC, PIB, TPO, FPO, PE etc.
 - 2.3 When applying to substrates such as masonry or concrete these should first be pre-treated with ARBO AG2 Porous Primer to ensure a durable bond. This also applies to concrete substrates where residual formwork may have left traces of release oil. Surfaces must be cleaned and prepared.
 - 2.4 ARBO Ltd always recommend an adhesion test on any substrate before commencing work.
 - 2.5 Always check the EPDM SELF ADHESIVE STRIP technical datasheet ensuring its suitability for the intended application.
3. **Application**
 - 3.1 Carry out all applications with an ambient, substrate and material temperatures between +5 °C and +35°C. Low temperature will affect the adhesion of EPDM SELF ADHESIVE STRIP to the substrate.
 - 3.2 When applying a primer, the substrate should be dry, clean and dust-free. Apply the required primer with a brush or roller and comply with the specified drying time. The primer should feel dry to touch at all times before applying EPDM SELF ADHESIVE STRIP.
 - 3.3 When sealing joints with EPDM SELF ADHESIVE STRIP, ensure a bonding surface of at least 50mm on each side of the joint is achieved.

Premier Sealant Systems Ltd.

T 01724 864 100 | E sales@sealprem.com | www.sealprem.com

Mercia Way, Foxhills Industrial Park, Scunthorpe, DN15 8RE

Registered Office: 19 Titan Court, Luton, LU4 8LL | Registered in Cardiff No. 3000843

- 3.4 If there are wall brackets/anchors, or corners ARBO Ltd advise to start by sealing these areas prior to the main areas are covered.
- 3.5 Avoid tension and air entrapment whilst applying the tape. ARBO silicone hand rollers are available to ensure maximum adhesion is achieved.
- 3.6 Apply EPDM SELF ADHESIVE STRIP ensuring each horizontal joint overlaps the layer beneath maintaining correct sealing and drainage.
- 3.7 After applying the EPDM SELF ADHESIVE STRIP, firm pressure must be used to fully activate the pressure sensitive adhesive within the EPDM SELF ADHESIVE STRIP. This must be done using an ARBO silicone roller to ensure full and complete adhesion across the contact surface. An ARBO Penny Roller must be used for internal corner details.
- 3.8 Additional care should be taken with edges and corner details. Ensure a full bond is achieved. Poor attention to detail in these areas will mean reduced adhesion and therefore increases the risk of gaps, ridges, creases and associated leak paths.
- 3.9 Where the substrate is uneven, which could prevent a proper connection, especially near the edges of the EPDM SELF ADHESIVE STRIP installation, it is recommended to seal the edges with ARBO MEMBRANE ADHESIVE (MA) to prevent moisture entering the lip between the EPDM SELF ADHESIVE STRIP and substrate.
- 3.10 Where punctures / breaches have occurred or any action preventing a proper connection, it is recommended to seal the edges with ARBO MEMBRANE ADHESIVE (MA) to prevent moisture entering the lip between the EPDM SELF ADHESIVE STRIP and substrate.
- 3.11 ARBO recommend the use of ARBO MEMBRANE ADHESIVE (MA) to over-seal / encapsulate the exposed edge of EPDM SELF ADHESIVE STRIP where the latter may be exposed for longer than 28 days during the construction period.
- 3.12 Note: prime porous surfaces to receive ARBO MEMBRANE ADHESIVE (MA) with Arbo AG2 Porous Primer.
- 3.13 Avoid the use of sharp items to prevent damage to the top layer.
- 3.14 To ease application of EPDM SELF ADHESIVE STRIP, depending on size, it is provided with a perforated silicon based release liner which can be removed separately. When removing the release liner ensure that the adhesive surface remains clean, free from any debris or contamination.
- 3.15 In case of overlapping EPDM SELF ADHESIVE STRIP it is important to maintain an overlap of at least 50mm.

4 Storage

- 4.1 Store in original packaging and in dry and well ventilated space at temperatures of min. +5°C to max. +30°C.
- 4.2 Storing at higher temperatures can lead to a more difficult removal of the release liner.

5 Shelf Life

- 5.1 Maximum 24 months after production date.

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6 Repairing areas of EPDM SELF ADHESIVE STRIP

- 6.1 In case of repair after damage etc follow the application instructions above.
- 6.2 It is very important that the substrate is clean and dry. Remove any loose parts of substrate or tape as much as possible.
- 6.3 On a damp surface will the adhesive not adhere.
- 6.4 In case of insufficient adhesion in an existing situation, heating the tape and if possible, the substrate can provide a solution. Never use a naked flame to warm the surfaces. Ensure EPDM SELF ADHESIVE STRIP is not heated over 70°C.
- 6.5 However, a lot of pressure must be applied using a silicone roller to reinitiate adhesion with substrate of top layer of the tape.
- 6.6 For a durable result apply the new EPDM SELF ADHESIVE STRIP ensuring where possible to overlap the layer below to maintain moisture drainage. Additional sealant may be required on the perimeter edges of the repair to ensure it is fully sealed and remains watertight on overlaid patches for example.

7 Technical Guidance

- 7.1 This information is provided as a general guide. For specific installation questions please contact Sealprem:
T: 01724 864100
E: sales@sealprem.co.uk