

Product Information Sheet

Vi-Pro® EPDM (S) MEMBRANE EXTERNAL

Version: 3-EN

Revision date: 23.06.2023

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Product description:

With Vi-Pro® EPDM (S) Membrane External strips, you can create window and façade joints to DIN 4108 and RAL quality guidelines with reliable air, water and water – vapour tightness with the required durable elasticity. The EnEV saving regulations have further increased the requirements made of joint seals in the shell of the building. The required values may also be tested at any time (using the blower door test). The main purpose of the barrier strips is to bridge and seal expansion joints in any type of window and façade construction project. The material is categorized to diffuse water vapour – external use.

Features:

- Material approved to EN 13859-2, EN13984 and EN 14909
- Fully environmentally friendly
- Durable expansion capacity across the temperature range of -40 to 120°C
- Absolute ozone and UV-resistance
- Highly ageing-resistant
- Bitumen resistant
- Resistant to a large number of chemical and mechanical influences
- Neutral reaction to most standard construction materials
- No problematic plasticisers
- Water vapour diffusion resistances of both strip types coordinated to allow even critical climatic conditions to be overcome reliably
- No additional mechanical fixing of the strip is required (See adhesive usage guidelines)
- Preassembly of corners and form parts or entire sleeve reduces fitting times to a minimum enabling a rational, inexpensive and above all reliable seal of all critical points

Typical properties:

Color:	Black
Density DIN (EN ISO 1183):	approx. 1,32 g/cm ³
Application temperature:	5°C to 30°C
Service temperature:	-40°C to 120°C
Reaction to fire (EN 13501-1):	Class E
Elongation at break:	300%
Thickness:	0,6; 0,75; 1,0; 1,2; 1,5 mm

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Delivered in:	rolls of 25 m length
Size (width)	from 50 to 1700 mm

Production tolerances for thickness, width and length is +/- 5%.

Recommended application conditions:

Never adhere or fasten material when it is in a tensed state. Always ensure that the material is free from tension before fitting. Before adhesion work is begun, ensure that the material (and the surface) is clean, dry and free from oil, grease and separating agents (e.g. silicone spray).

Ensure that the adhesion usage guidelines are adhered to. If lubricants are used as an aid to fitting in conjunction with clip-in profile strips, ensure that the surface is totally free from separating agents if adhesion work is performed at a later date.

Caution: Most lubricants are also releasing agents. Water or mixture of water and standard household detergent are therefore preferable to silicone spray and the like. If material is stored correctly, it can be used directly from the original packaging. If any dirt is present, clean the surface with Vi-Pro® Easy To Clean universal cleaner.

Vi-Pro® EPDM (S) Membrane External is compatible with Vi-Pro® EPDM (S) Membrane Internal and Vi-Pro® EPDM Membranes. The materials can adhere in any combination. The strips are compatible with the majority of standard construction materials.

Limitations:

Vi-Pro® EPDM (S) Membrane External has not been intended for Structural Glazing. The use of Vi-Pro® EPDM (S) Membrane External in contact with PVB, EVA or PET films must be confirm by the compatibility tests.

Storage:

Store in the original unopened packing in cool and dry conditions (between +5°C and +30°C). Useable life: minimum 12 months from the date of manufacture. Storing in higher temperature may reduce the shelf life significantly.

Packaging:

Vi-Pro® EPDM (S) Membrane External has been supplied in rolls of 25 m length.

Safety precautions:

Material Safety Data Sheets are available on demand. MSDS are provided to help customers satisfy their own handling, safety and disposal needs and those that may be required by locally applicable health and safety regulations. MSDS are updated

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regularly, therefore, please request and review the most current MSDS before handling or using any product. Never burn away.

Customer notice:

The information supplied is accurate to the best of our knowledge and is based on reliable tests and practical experiences. Properties quoted are intended, as a guide and do not therefore constitute a specification. Customer/user should thoroughly test any application to be sure that product corresponds to the required performances. The sole warranty is that the product will meet the sales specifications in effect at the time of shipment. Exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted. The Seller shall not be liable for any incidental or consequential damages.

More information available at: +48 22 122 85 49 or reach@vi-pro.eu