



Product Verification

Sustainability

according to BNB BN 2015

according to BREEAM International New Construction 2016

according to DGNB NBV 2015

according to DGNB Gebäude Neubau 2018

according to LEED Building Design and Construction V3 (2009)

according to LEED Building Design and Construction V4 (2015)

Sealflex[®] preformed parts made from our Fasatan and Fasatyl EPDM construction sealing membranes are the ideal detailing solution for seals in the construction sector. They can be used either as system components in our Fasatan and Fasatyl sealing systems in facades, or around windows and doors, and as window-sill and threshold sealing systems, and even as sealing sleeves for lead-throughs and openings in sarking, underlays, facade membranes in outdoor areas or airtight layers in indoor and outdoor areas of wooden roofs and walls. Sealflex[®] preformed parts can be used wherever ready-made and reliable sealing solutions for detailing areas are required. Sealflex[®] preformed parts are extremely easy to work with, using our Fasatan TFS or Fasatan TFU adhesives straight from the tubular bag or in self-adhesive versions with butyl rubber or acrylate adhesive layers adapted to the intended use.

Sealflex[®] preformed parts can be produced in the shape and size that you want, individually and precisely adapted to the respective project and intended use. This ensures 100 % seal tightness and avoids installation errors, while at the same time allowing unparalleled time- and cost-saving installation.



Product features:

- Made from EPDM rubber: extremely robust and long-lasting
- Reliable seal
- Individually adjustable to each installation
- Bespoke manufacturing
- Time- and cost-saving assembly
- Extremely simple and reliable sealing of critical detailing points
- Extremely robust material
- Bitumen-compatible and bitumen-free
- Airtight and sealed against driving rain

Technical data:

Material	Fasatan vapour permeable) or Fasatyl (vapour proof) EPDM rubber
Nominal thicknesses	0.6 mm, 0.8 mm, 1.0 mm, 1.2 mm
Water vapour diffusion resistance value	Fasatan: μ = approx. 20 000 Fasatyl: μ = approx. 140 000
Temperature resistance	- 30 °C to + 90 °C
Processing temperature	+ 5 °C to + 35 °C (component temperature) from component temperatures of - 10 °C under particular conditions
Water pressure tightness of Sealflex sealing corners	> 250 cm water column DIN EN 20811

Resistance:

Media group	Evaluation
UV light Effects of weather	Very high resistance
Salt water Sea water	
Chlorine atmospheres (swimming pools)	
Solvents	
Oils	No resistance
Fuels	

Certification:

The emission behaviour of Fasatan and Fasatyl is independently tested by the analytical institute Aurachtal. Fasatan and Fasatyl are materials with extremely low emissions and in particular do not contain any halogenated flame inhibitors.

Areas of application:

Sealflex® EPDM preformed parts around windows:

Inside and outside corners in the shape and size that you want. Particularly with wall mounting systems and rear-ventilated facades.

Suitable for creating a second water-carrying level together with Fasatan in outdoor areas.

Preferable nominal thicknesses 0.6 mm and 0.8 mm.

Fasatan TFS and Fasatan adhesives or partially or completely self-adhesive versions with BOSIG High Tack acrylate-based adhesive can be used for bonding.

Sealflex® EPDM preformed parts around windows meet the requirements of the guidelines for window, main door and exterior door installations, and of the guidelines for installing curtain walling of the RAL Gütegemeinschaft Fenster, Fassaden und Haustüren e. V. quality association.



Sealflex® EPDM preformed parts for sealing trays under window sills:

As a second water-carrying level for the controlled drainage of water beneath window sills.

Inside and outside corners or complete sealing trays in the shape and size that you want.

Preferable nominal thicknesses 0.6 mm or 0.8 mm.

Fasatan TFS and Fasatan TFU adhesives or partially or completely self-adhesive versions with BOSIG High Tack acrylate-based adhesive can be used for bonding.

Sealflex® EPDM preformed parts for sealing trays under window sills meet the requirements of the guidelines for window, main door and exterior door installation of the RAL Gütegemeinschaft Fenster, Fassaden und Haustüren e. V. quality association.



Sealflex® EPDM preformed parts for base and threshold sealing:

The execution of single-layer construction seals in accordance with DIN 18533: water impact classes W1-E and W4-4 as a supplement to Fasatan 0.8, Fasatan 1.0 and Fasatan strong (1.2 mm) threshold seals made of EPDM membranes for main doors in the area in contact with the ground.

Inside and outside corners or complete threshold seals in the shape and size that you want.

Nominal thicknesses 0.8 mm, 1.0 mm with separate approval or 1.2 mm.

Fasatan TFS adhesive or partially or completely self-adhesive versions with butyl-rubber-adhesive layer adhesive can be used for bonding.

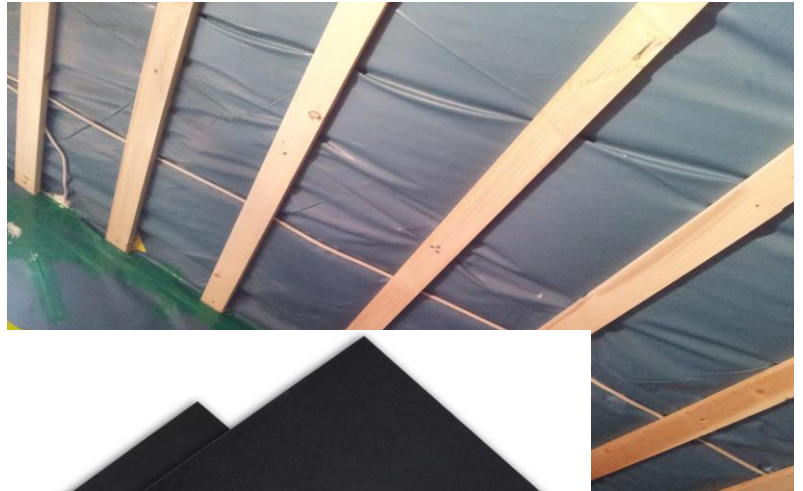


Sealflex® EPDM preformed parts as sealing sleeves for openings:

Sealing sleeves for sealing lead-throughs and openings in sarking, underlays, façade membranes in outdoor areas or airtight layers in the shape and size that you want.
Nominal thicknesses 0.6mm, 0.8 mm, 1.0 mm or 1.2 mm.

Fasatan TFS and Fasatan TFU adhesives or self-adhesive versions with BOSIG High Tack acrylate-based adhesive can be used for bonding.

Sealflex® EPDM sealing sleeves comply with the requirements of DIN 4108, Part 7 and the Building Energy Act (Gebäudeenergiegesetz – GEG).



Processing instructions:

The inner sealing must provide a higher vapour diffusion-tightness than the outer sealing. The material Fasatan® should therefore be used for the outer seal, and Fasatyl® for the inner seal.

With regard to the sealing it must be ensured that the joint space has been optimally insulated in advance using corresponding material (mineral wool or the like) so as to prevent the formation of thermal bridges and the temperature from dropping below the dew point on the inside.

When glueing the Sealflex® EPDM preformed parts on site, the following should be observed:

- Check the adhesive compatibility of the substrate.
- Substrates must be clean, dry, and free from solvents, grease and oils.
- Seam overlap with sealing membranes within scope of DIN 18533 (area in contact with the ground must be at least 10 cm).

Please note the information in our technical data sheets and the instructions for working with our adhesives!

Attention! Important Note:

Above information are based on best present knowledge of current technology, but do not guarantee faultless processing of our products. The information is based on practical results of our tests, but is not binding and does not constitute warranties of characteristics in terms of Federal Supreme Court jurisdiction. Our information does not constitute a legally binding assurance of certain properties or suitability for a specific purpose. Supplementary information by our specialists are merely recommendations, for which no liability is accepted.

Due to the many possible applications of our products, we recommend subjecting the project to a thorough suitability test on original materials before release for further application.

Since our information are non-binding we do not warranty their correctness. For this reason we accept no liability for possible improper processing based on information submitted by our employees.

This technical data sheet replaces all previous versions and is valid until a new version is issued, or until Dec. 31, 2024. Please request the latest version after Jan. 01, 2025.

Dr. Hermann, Anwendungstechnik / Application Technology, Gingen / Fils