



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)

Fasatan® eco and Fasatyl® eco are bitumen compatible sealing membranes made of EPDM rubber for facades. These are equipped with a special, custom made self-adhesive strip. These self-adhesive strips simplify processing and save time because adhesive application or waiting for curing is not necessary anymore. The self-adhesive strip bonds very well to the most different undergrounds and does not bloom.

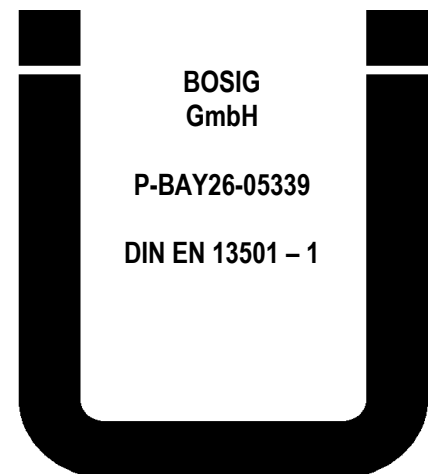
Fasatan® eco and Fasatyl® eco are approved quality and compatible to bitumen. They are rated as European Fire Behaviour Class E according to EN 13501-1 (resistance to fire).



Fasatan eco Fix

Fasatyl eco Fix

EN 13984





Fasatan® eco Fix and Fasatyl® eco Fix offers you the following benefits:

- bonds easily without further process steps on many surfaces
- no contamination of the window area by liquid adhesive systems
- participates in any normal building expansion
- contains no solvents
- seals permanently
- clear cost-saving by time advantage

Fasatan® eco and Fasatyl® eco are available in the following versions:

Versions:

<div>eco Standard</div>  <div>without self-adhesive coating</div>	<div>eco Fix</div>  <div>with 1 x self-adhesive coating</div>
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These versions are extremely well suited to be combined with our well-known and proven bonding system **Fasatan® TFS** and **Fasatan® TFU**.

Technical data:

Special adhesive strip

Width	25 mm	
Peel resistance	≥ 30 N / 25 mm	DIN EN 1939

Sealing membrane	Fasatan eco	μ = approx. 20 000	vapour permeable for outdoors
	Fasatyl eco	μ = approx. 140 000	vapour-tight for indoors
Thickness		0,6 mm ± 25 %	
Tensile strength		≥ 6 MPa	EN 12311-2
Elongation at break		≥ 250 %	EN 12311-2
Tear resistance		≥ 10 N	EN 12310-2
Water tightness 2 kPa water pressure		pass	EN 1928
Durability against ageing		pass	EN 1296 / EN 1931

Fasatan eco Fix System

Roll length	20 m
Temperature resistance	- 40 °C to + 70 °C
Processing temperature	from + 5 °C on
Standard widths	100, 150, 200, 250 300, 350 or 400 mm

Further dimensions and versions are available on request.

Processing notes:

The inner seal must be more water-vapour-proof than the outer seal. Therefore use Fasatan® eco for the outer seal and Fasatyl® eco for the inner seal.

First of all ensure that the joint gap is well insulated with appropriate material (mineral wool or similar) when sealing to avoid thermal bridges and interior temperatures dropping below the dew point.

The surface must be clean, dry, solvent-, grease- and oil-free. Check the adhesive compatibility of the surface. Grease and bitumen remainders must be removed with a suitable solvent.

The special adhesive strip is used for sticking Fasatan® eco and / or Fasatyl® eco onto the construction building element. Partially remove the protective sheet from the adhesive and apply the product. Then continue to detach the protective sheet and firmly press the product onto the surface, avoiding air bubbles. The recommended contact pressure is 5 g / cm² to 15 g / cm². We recommend the use of a pressing roller. Please note: The sealing membrane is quite more stretchable than the self adhesive strip, so the membrane can be removed from the self adhesive strip in longitudinal direction by overexpansion. This has to be avoided. In order to avoid a possible adhesive force loss, ensure that the product assumes the outlines of the underground after application.

Our Fasatan® TFU adhesive in the flow pack is used for levelling irregularities and sealing in corners, in tape joints, or in every gap which may occur.

At the building element adhesion has to take place in accordance with the requirements of DIN 18 195 – German standard. The membrane is installed with an additional covering strip, terminal strip or any other mechanical mounting.

The following points must be observed when bonding our Fasatan® eco or Fasatyl® eco Fix with **Fasatan® TFS or Fasatan® TFU** onto the building site:

- check the adhesive compatibility of the surface
- the surfaces must be clean, dry, solvent-, grease- and oil-free
- the seam overlap of individual sheet widths should be at least 10 cm

Please observe our technical information sheet specifications and the adhesive processing notes!

Storage:

12 months after production date in the closed original drum.

Store in a correctly ventilated storage location at a temperature of max. + 30 °C.

Storage at a temperature of more than + 30 °C can cause difficulties when detaching the silicone sheet.

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

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