



# 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® and Fasatyl® are bitumen compatible sealing membranes made of EPDM rubber for facades. These are equipped in the Fasatan® Fix System with one or more custom-made self-adhesive strips made of butyl rubber. These self-adhesive butyl rubber strips simplify processing and save time because adhesive application or waiting for curing is not necessary anymore. The butyl rubber adhesive has the same ductility as the sealing foil and therefore bonds very well to the most different undergrounds and does not bloom.






The Fasatan 0.8, Fasatan 1.0 and Fasatan strong (1.2 mm) EPDM membranes are, irrespective of the underfloor, in conjunction with bonding or mechanical adhesives, suitable for use as single-layer waterproofing membranes according to DIN 18533 in the versions Fasatan-, Fasatan Fix system, or Fasatan Weatherstrip System. For the Fasatan versions in thicknesses, which differ from the standard requirements, 0.8 and 1.0 mm, a technical approval from the DIBT in Berlin is available in form of an Allgemeine Bauartengenehmigung. The waterproofing membrane Fasatan in thicknesses  $\geq 0.8$  mm can be used as vertical and horizontal water barrier without transmission of lateral forces (MSB-nQ) according to the following water impact classes, which are specified in standards DIN 18533-1 and DIN 18533-2:

- W1-E: Soil water and not pressing water – sealing of surface area with soil contact
- W2.1-E: Moderate impact of pressing water  $\leq 3$  m depth of immersion
- W3-E: Not pressing water on with soil deluged – not trafficable –slabs
- W4-E: Capillary water in and underneath walls

Joining of membranes has a minimum width of 10 cm and is made with the single component adhesive Fasatan TFS or with the self-adhesive Fasatan-Fix-system.

Fasatan and Fasatyl are approved quality are bitumen compatible. They have been examined according to DIN EN 13501 – 1 and correspond to the Fire Behaviour Class E normally inflammable.

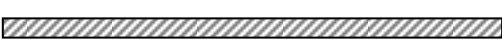
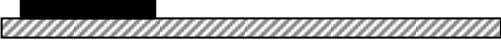


		
<p><b>Fasatan strong Fix</b>  <b>Fasatan 1,0 Fix</b>  <b>Fasatan 0,8 Fix</b>  <b>Fasatan eco Fix</b>  <b>EN 13984</b></p>	<p><b>Fasatyl strong Fix</b>  <b>Fasatyl 1,0 Fix</b>  <b>Fasatyl 0,8 Fix</b>  <b>Fasatyl eco Fix</b>  <b>EN 14909</b></p>	

The **Fasatan® Fix System** 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

The Fasatan Fix System is available in the following versions:

### Versions:

Standard	 <b>without self-adhesive coating</b>	A	 <b>with 1 x self-adhesive coating</b>
B	 <b>with 2 x self-adhesive coating (on one side)</b>	C	 <b>with 2 x self-adhesive coating (on alternate sides)</b>

Self-adhesive coating	up to 150 mm foil width	20 x 1 mm butyl rubber
	up to 200 mm foil width	40 x 1 mm butyl rubber
	up to 400 mm foil width	60 x 1 mm butyl rubber

An additional mechanical mounting is necessary for membranes widths larger than 400 mm and / or for narrower butyl rubber coating.

The standard und A versions are extremely well suited to be combined with our well-known and proven bonding systems **Fasatan® TFK**, **Fasatan® TFS** and **Fasatan® TFU**.

### Technical data:

Butyl rubber adhesive

Adhesive force on steel (90 ° at 100 mm / min. / 23 °C) approx. 4.3 N / cm

Sealing membrane	Fasatan	$\mu$ = approx. 20 000	vapour permeable for outdoors
	Fasatyl	$\mu$ = approx. 140 000	vapour tight for indoors
Thickness		0.6 mm, 0.8 mm, or 1.0 mm	
Tensile strength		$\geq 6$ MPa	EN 12311-2
Elongation at break		$\geq 250$ %	EN 12311-2
Tear resistance		$\geq 10$ N	EN 12310-2
Water tightness 2 kPa water pressure		pass	EN 1928
Durability against ageing		pass	EN 1296 / EN 1931

Fasatan® Fix System

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

Further dimensions and versions are available on request.

### Processing notes:

The surface must be clean, dry, solvent-, grease- and oil-free. Check the adhesive compatibility of the surface. Porous and absorbent surfaces must be pre-treated with our special **Multi Primer**. Grease and bitumen remainders must be removed with a suitable solvent.

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 / cm<sup>2</sup> to 15 g / cm<sup>2</sup>. We recommend the use of a pressing roller.

In order to avoid a possible adhesive force loss, ensure that the product assumes the outlines of the underground after application.

Butyl rubber adhesive are solvent-sensitive.

Our Fasatan® TFS or Fasatan® TFU adhesives in the flow pack are used for levelling rough 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 18533 – German standard. The membrane is installed with an additional covering strip, terminal strip or any other mechanical mounting.

### 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.

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