



Catalogue

Our product range for your application.

 **BOSIG**
Build on solutions



www.bosig.de/en



The company

Where can I find my product?

Dear Ladies and Gentlemen, Customers, Interested Parties and Business Partners,

we have always been committed to producing innovative and energy-efficient system solutions of the highest quality for sustainable building and living.

Our core competence in this includes:

- The development, production and distribution of**
- **building plastics,**
 - **industrial insulation materials,**
 - **acoustic solutions and**
 - **elastomers**

To go deeper into the BOSIG world

The following words are not meant to be a hymn of praise on our own behalf - even though we are of course proud of our company, of our employees. No, we want to reveal to you what BOSIG stands for and lives for.

What is our ambition?

We strive to be that decisive step ahead every day in order to be able to supply you with intelligent, user-friendly products of the future. Products that are always at the cutting edge of technology. We see changing requirements as a challenge that spurs us on and which we gladly accept. Because standing still means taking a step backwards. The focus of all our activities lies in the application-related optimization of our products and services, the further development of technologies used and the continuous modernization in the area of all manufacturing processes.

We particularly value the exchange of ideas with you, our customers and interested parties, our suppliers as well as raw material and machine manufacturers. Because with a common goal in mind, more can be achieved - even the seemingly impossible becomes possible. Contact and knowledge transfer with private and public research institutes is a matter of course for us. We invest in the further development and new development of our products and manufacturing processes, focusing on investments in research and development and are also prepared to undergo comprehensive testing procedures. This is how we manage to place energy-efficient and sustainable, tested products on the market.

A large number of our products are certified, including product certifications of the following criteria:

- DGNB, • LEED, • BNB, • BREEAM, • EMICODE guidelines,
- ÖKOTEX Standard 100 and many more.

We are motivated!

Through our healthy living and efficient products, we accept the opportunity to help shape our living environment. In doing so, we make an important contribution to preserving and protecting one of the highest goods of our existence: the health of us all.

What we promise, we deliver.

Our integrated management system supports us in making processes transparent and comprehensible to all involved. It includes:

- **Quality management according to DIN EN ISO 9001**
- **Environmental management according to DIN EN ISO 14001**
- **Occupational health & safety management according to DIN ISO 45001**
- **Energy management according to DIN EN ISO 50001**

With BOSIG you can „Build on solutions“.

By applications

- Systems for the connection area at windows, doors and in the ground area to reduce energy and pollutant emissions to a minimum
- low-emission adhesives, with the best possible bonding strength
- sound- and heat-insulating foam products, technical acoustic products
- sponge rubber grades suitable for applications in the food industry
- and that's not all!

Or by industry?

- Window and façade construction
- wood construction
- balcony and roof technology
- sound insulation and room acoustics
- industry, mechanical and plant engineering
- vehicle construction / transportation

Or by business fields?

- Waterproofing technology
- Acoustics
- Foam technology
- Board technology
- Elastomer technology
- Pitched roof accessories

Window and façade sealing systems

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Window and façade sealing systems

Traditional window and façade abutments often require preparatory work involving freehand application of fluid adhesive systems along a roughly defined path. Sometimes more, sometimes less adhesive would end up along the path. This would be followed by placing the foil onto the adhesive bed and laboriously “flattening” it. The adhesive would often ooze from under the foil, soiling fingers and nearby parts.

Although this type of application still has its place, BOSIG’s **OPTIMA sealing foils** now offer you an alternative and far simpler solution.



Optima sealing foils

For **OPTIMAL** connection to the structure

Standard roll width: 70/100/150 mm
or wider on request.

Fasatan®/Fasatyl® Optima

The solution to timber and façade construction

Winflex® Optima interior/exterior

Redefining traditional window abutments

Winflex® Optima Vario

The connection solution for variable moisture

Winflex® Optima es

The sealing tape for smart spenders.
Interior, exterior, Vario.

Window and façade sealing systems



Fasatan®/Fasatyl®

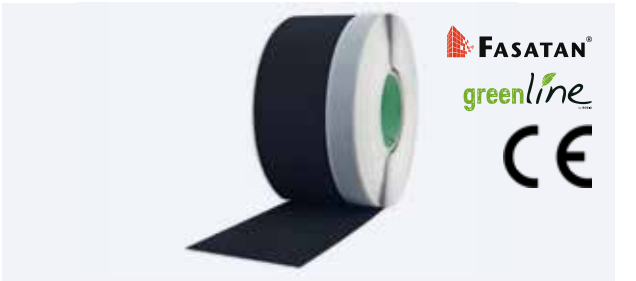
The façade sealing system

Fasatan®/Fasatyl® are used, among other things, for sealing building edifices with curtain wall, rearventilated façades. The simple and problem-free bonding of the flexible sheets between the building superstructure and the façade with Fasatan®-TFS-Glue ensures a firm fixing to the building superstructure and therefore a durable sealing of the unavoidable construction gaps in accordance with the latest technical state-of-the-art and regulations already from a thickness of 0.8 mm.

Technical features:

- Sealed according to DIN 18533 from only 0.8 mm strength
- Weather- and ageing-proof
- Tear-proof
- Elastic
- Ozone-proof
- UV-proof

Available in widths from 50 - 1500 mm.
Available strengths: 0.6/0.8/1.0/1.2 mm



Fasatan®/Fasatyl® Fix

The self-adhesive solution

When the processing needs to be carried out quickly and safely but also simply then BOSIG recommends **Fasatan®-Fix-System** as the optimal solution. The Fasatan® and Fasatyl® sealing foils are equipped with a factory-applied self-adhesive layer. The method of use is as easy as one can imagine.

Remove the protective foil - press into position - done!

Technical features:

- Weather- and ageing-proof
- The self-bonding strips can be supplied in various versions (A, B, C)
- Easy to use
- Tear-proof
- UV-proof

Available in widths from 50 - 1500 mm.
Available strengths: 0.6/0.8/1.0/1.2 mm



Fasatan®/Fasatyl® Optima

The solution for wood and façade constructions

Fasatan®/Fasatyl® Optima are EPDM rubber sealing foils around the façades. They are self-adhesive thanks to the tailor-made BOSIG High Tack adhesive. This self-adhesive strip will render the application particularly time-saving and simple, since it obviates the application of adhesives and their associated flash off time. The special adhesive strip exhibits excellent adhesion to a variety of substrates without causing efflorescences.

Technical features:

- No fluid adhesive systems soiling window surfaces
- Will follow all normal structural expansion
- Solvent-free
- Durable sealing
- Clear cost-saver due to saved time
- Also available as a plaster-over version

Available strengths:
0.6/0.8/1.0/1.2 mm
on request



Fasatop FH-Standard

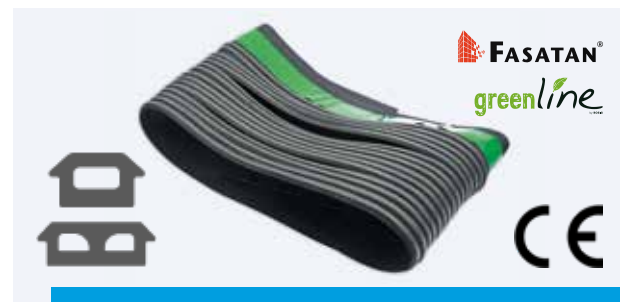
PES fleece with PU-coating

Extremely UV resistant and flame retardant sealing foil for the sealing of modern façades with high requirements to fire safety and seal tightness. Fire behaviour class B-s1, d0. Driving rain or drifting snow are effectively kept away from the insulation level. The smooth surface of the sealing foil makes moisture escape safely and securely. Reliable bonding with our system glue Fasatop FH on all standard building substrates.

Technical features:

- High UV resistance
- High breathable
- Insulation protection from drifting snow and heavy rain
- Black, windproof surface
- Reliable drainage of occurring moisture
- Fast, cost-efficient processing

Standard roll width:
50 - 1500 mm



Fasatan®/Fasatyl® Weatherstrip System

The sealing foil with the piping solution

BOSIG offers a weatherstrip-solution as an installation aid for all common façade systems such as Schüco, Wicona or Akotherm. A corresponding welt-profile is applied in the factory to the tried and trusted sealing foils **Fasatan®** and **Fasatyl®**. This makes clipping the weatherstrip into the specially provided groove on the aluminium profile as easy as possible.

Technical features:

- Weather- and ageing-resistant
- Easy to use
- UV-proof
- Suitable for many façade systems
- Ozone-proof
- Tear-proof

Available strengths:
0.8/1.0/1.2 mm



Fasatan® TFS

The solvent-free adhesive

Fasatan® TFS is a soft elasticity, single component adhesive and sealant. **Fasatan® TFS** is resistant to early morning condensation and is vulcanised by air humidity to form a soft elastic, rubbery adhesive. **Fasatan® TFS** is extremely weather and chemical proof and in addition the adhesive is isocyanate-free. **Colour: black**

Technical features:

- Excellent bonding, even without primer, on almost all surfaces
- Good weather and water proofing characteristics
- Outstanding workability characteristics
- Solvent- and isocyanate-free

Delivery in: 600 ml tubular bag



Bituplast® AW

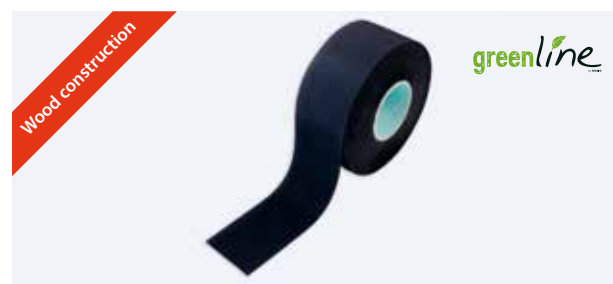
Division of the cover foil possible on customer request

Bituplast® AW from BOSIG is a bituminous waterproofing film with excellent mechanical properties. It is used to seal the building base and wherever it is necessary to seal against ground moisture according to DIN 18195, Part 4, in areas in contact with the ground. According to DIN 18533, **Bituplast® AW** can be used as a waterproofing material for ground-contacting floor slabs and ground-contacting walls/wall bases (water impact classes W1.1-E, W1.2-E and W4-E).

Technical features:

- Multiple slit cover foil possible
- No heating or drying required
- Particularly supple
- Immediate sealing effect

Standard dimensions: available
in widths from 30 - 1000 mm



Shadow joint tape

The façade waterproofing tape

Shadow joint tape is a UV-resistant EPDM elastomeric tape used to protect wooden substructures by backing joints and seals, in facades. The backing prevents substructures from becoming damp due to weather conditions, which can damage them and cause them to lose their load-bearing capacity. The joint tape is available in widths of 70 and 110 mm, non-self-adhesive or as an installation aid, fully self-adhesive on one side.

Technical features:

- Tight according to DIN 18533 from a thickness of only 0.8 mm
- Weather- and ageing-resistant
- Tear-proof
- Elastic
- Ozone-proof
- UV-proof

Available in widths 70 and 110 mm.
Available strengths: 0.6/0.8 mm



Winflex® Inside and Outside

Window connection strips – Inside denser than outside

Winflex® Inside is vapour-impermeable for the inside sealing, **Winflex® Outside** is vapour-permeable for the outside sealing.

Winflex® is a window connection tape for the swift and reliable joint sealing of windows and doors, and is available in many easy to use variants. Fixing to the door frame is made considerably easier through the application of the self-adhesive strip.

Technical features:

- Highly stretchable and flexible customisation
- Meets the requirements of the GEG, RALguideline and technological standards
- Resistant to driving rain
- Very good for plastering or painting over
- Can be fitted with self-adhesive layer

Standard roll width:
70/100/150 mm



Winflex® Optima es Inside & Outside

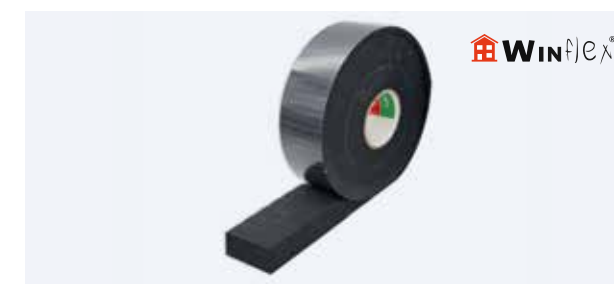
The complete window sealing system

Winflex® Optima es is the ideal product for the efficient sealing of connecting joints from masonry to window. The specially developed and fully applied High-Tack adhesive absorbs moisture without losing its adhesion to the substrate. The absorbed moisture diffuses through the carrier membrane and is thus removed from the joint. **White** for inside and **black** for the outside use.

Technical features:

- Highly stretchable and flexible customisation
- Inner tape airtight < 0.1 m³ / [m-h-(daPa2/3)]
- Extremely good adhesion
- Split cover foil
- Very good for plastering or painting over
- Watertight up to 600 Pa (outside tape)

Standard roll width:
70/100/150 mm



Winflex® TriSäie special

The BG1 multifunction tape for all levels

Winflex® TriSäie special is a high-grade combination product excellently suited for primary sealing of joints and abutments in window and façade construction. The special design now requires just one, also more time and cost effective, work step for installation. An impregnation gradient in the tape will ensure that the principle of "sealing better towards the inside than the outside" is maintained.

Technical features:

- Fully sealed in a single operation
- Meets DIN 18542 BG1/BGR requirements
- Thermal conductivity = 0,046 W/(m·K)
- Airtight (DIN 4108 Teil 7)
- Joint sound insulation RST, w = 58 dB
- Flame retardant (DIN 4102 - B1)

Sizes to suit your
construction height:
60/70/80/90 mm



Winflex® TriSäie eco

Active joint drying with variable diffusion behaviour

The multifunctional tape **Winflex® TriSäie eco** is a pre-compressed, specially impregnated connection tape for the sealing, heat and sound insulation of connecting joints in windows and external doors. The product fulfills all requirements for an airtight and driving rain proof sealing. It is heat and sound insulating on the inside and inhibits vapour. **Winflex® TriSäie eco** is reliable and easy to process.

Technical features:

- Extremely cost-efficient, easy, quick and durable sealing
- Very good for plastering or painting over
- Variable diffusion for Inside and Outside use
- Airtight and usable on both sides
- Heat-insulating
- Very good sound insulation

Sizes to suit installation
depths of: 60/70/80 mm



Winflex® Vario

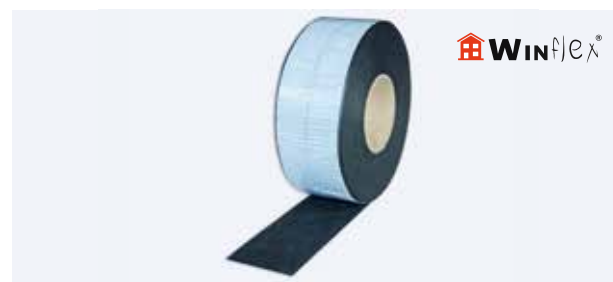
Fast and safe

Winflex® Vario is a special membrane for quick and safe sealing of installation joints on windows and exterior doors in accordance with recommendations of the guidelines of the German RAL quality assurance association for windows and doors and DIN 4108-7. With **Winflex® Vario** the installation joint, depending on weather conditions, can dry out towards the inside or outside, since the water vapour diffusion behaviour of **Winflex® Vario** flexibly adapts to the physical and structural properties of the building structure, thus helping the installation joints to dry out optimally.

Technical features:

- Planning reliability, halving of storage
- Optimal drying of the connection joint
- Only one tape for inside and outside
- Can be plastered or painted over
- Many variants for every installation

Standard roll width:
70/100/150 mm



Winflex® Optima es Vario

Convincingly cost-effective

Winflex® Optima es Vario is an extremely strong adhesive tape with a diffusion and dry-active membrane for the inside and outside sealing of installation joints. The product's diffusion characteristics allow it to flexibly adapt to variable physical conditions of the building structure, so that it can be used for the inside and outside sealing, and dry out the connecting joint to avoid fungus formation.

Technical features:

- UV resistance of 12 months at outdoor exposure
- Airtight according to DIN 4108 in conformity to DIN EN 1026
- Heavy rain-proof and watertight
- Cost-effective
- Classification E, normal flammability according to DIN EN 13501-1

Standard roll width:
70/100/150 mm



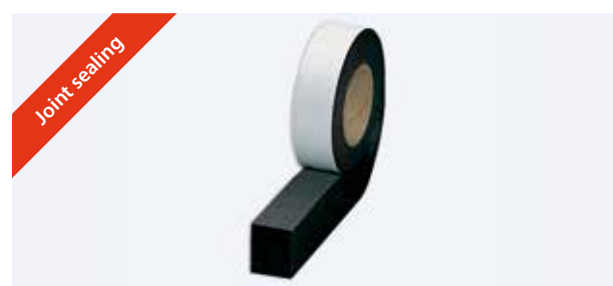
Combband 300

Precompressed sealing tape

Combband 300 is a pre-compressed sealing tape for sealing expansion, movement and connection joints in building construction, civil engineering and interior fittings. Combband 300 is elastic, resistant to weathering and ageing, compatible with paint coats and resistant to diluted acids and alkalis. Combband 300 offers a driving rain proof seal up to 300 Pa (equivalent to wind force 9) with appropriate compression. Combband 300 is now also available in grey.

Technical features:

- Vapour permeable
- Tight against driving rain up to 600 Pa
- Thermally insulating
- Meets BG2 according to DIN 18 542
- Flame retardant building material according to DIN 4102



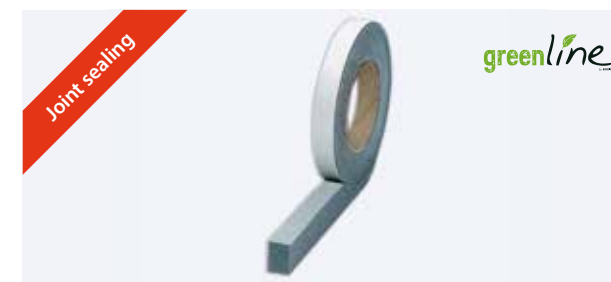
Combband 600 Plus

Precompressed sealing tape

Combband 600 Plus is a pre-compressed foam sealing tape. It was developed specially for areas requiring broader use. In days gone by, individual tapes had to be cobbled together, these days this only requires one tape. This is a huge time saver, reduces storage and of course associated costs, your costs.

Technical features:

- Vapour permeable
- Tight against driving rain up to 600 Pa
- Thermally insulating
- Covers joint areas of varying widths, thus also suited for refurbishing tasks
- Compliant with BG1 [Stress Group 1] as per DIN 18 542



Combband 600 es

Precompressed sealing tape

Combband 600 es is a pre-compressed sealing tape made of impregnated foam. It is used for primary sealing of directly weathered joints and connections. In addition to sealing against wind, dust and splash water, it also provides sound and heat insulation. This immediately reduces energy costs and preserves the value of the building fabric. **Combband 600 es** is available in grey.

Technical features:

- Thermal and sound insulation
- Compatibility with adjacent building materials according to DIN 18542 BG1
- Tight against driving rain up to 600 Pa
- Vapour permeable according to DIN 18542
- Fire behaviour according to DIN 4102-1 B1



Rolaflex®

The added value roller shutter box insulation system

Rolaflex® is effective against thermal bridging and energy losses in your roller shutter box. Safe and effective! **Rolaflex®** by BOSIG is recommended from a construction-biological standpoint and can prevent internal mould attack. **Rolaflex®** can reduce heat loss by up to 75%.

Technical features:

- Prevents thermal bridging and therefore damp damage and mould
- Improves noise reduction
- Prevents and protects from drafts
- Lowers the heating energy requirement and therefore protects the environment
- Possible savings of up to 75 %

Delivery in:
1000 x 600 x 10/15/20
and 30 mm



Multi Primer

The bonding enhancer –
applied with brush or roller

Multi Primer serves as a bonding agent for pre-treatment when processing Butyl- and Bitumen tapes. Multi Primer gives you the foundation for an excellent bonding to all common construction surfaces.

Technical features:

- An additional adhesive film ensures optimal bonding to a multitude of surfaces.
- Strengthens rough and porous surfaces
- Easy to use
- Ready to use straight out of the can

Delivery in: 1000 ml
and 5000 ml containers



Multi Primer for Spraying

The bonding enhancer - in black or transparent

Multi Primer for Spraying is a ready-to-use primer to improve adhesion to various conventional substrates, e. g. plaster, concrete, gas concrete, bricks, limestone, hard PVC and various sheet metals. Application is very simple: Multi Primer for Spraying – spray onto the surface to be primed, flash off, done. Apply by spray can - no further tools such as brush / roller required!

Technical features:

- Faster than brushing to apply
- Short flash off time
- Easier working overhead and vertical
- Permanently tacky
- Good surface adhesion

Delivery in:
750 ml spray can



Phonotherm® 200

The basic profile – The solution for plinths

The integrity of your entire construction will depend on a perfect base. **Phonotherm® 200** is moisture resistant and will, as plinth profile, also guarantee reliable load transfer. And the material also has excellent thermally conducting properties. With a PSI value of 0.173 [W/(m*K)] the material will beat conventional materials such as wood.

Technical features:

- 100% water-resistant
- Compressive strength ≥ 7 MPa
- Safe in terms of building biology
- Water vapour permeable (tested)
- Tested thermal conductivity at ca. 0.076 W/(m*K)
- Resistant to ageing, putrefaction and rotting

Delivery:
In cuts according to your dimensions



Curtain wall installation system

Phonotherm®

Fact remains – wall and insulation thicknesses are increasing. It is vital therefore that windows and doors also shift into the insulating plane to ensure optimal isothermal characteristics. This will prevent damage by moisture and the commensurate energy loss. Our **Phonotherm® curtain wall installation system** will here ensure reliable and optimal installation conditions.

Technical features:

- AbP P-2013-B-4724 and AbZ Z-23.11-1952
- Tested extraction and cross tensile strength of screwed fastening
- Type tested according to MO-01/1 and MO-02/1
- Tested water vapour diffusion and thermal conductivity at ca. 0.076 W/(m*K)
- Tested load transfer
- High system acoustic insulation



Winflex® TFS

The adhesive for the professional

Winflex® TFS is a soft elasticity, single component adhesive and sealant. **Winflex® TFS** is resistant to early morning condensation and is vulcanised by air humidity to form a soft elastic, rubbery adhesive. **Winflex® TFS** has excellent weathering- and chemical-proofing characteristics and excellent bonding characteristics on all common construction surfaces. **Colour: white**

Technical features:

- Good weather and water proofing characteristics
- Excellent bonding, without primer
- Outstanding workability characteristics
- Substrate tolerance smoothing
- Solvent free

Delivery in: 600 ml tubular bag



EPDM Tape

Tape made from closed-cell cellular rubber

Cellular rubber EPDM tape is produced by BOSIG at its Gingen plant on its own machines. It is a belt made of closed-cell, foamed EPDM rubber. ZK EPDM tape is flame retardant (B1 according to DIN 4102). Particularly suitable as decoupling between the roof structure / roof covering and fastening elements for photovoltaic (PV) systems.

Technical features:

- Very good resistance to weathering and environmental influences
- Good ozone resistance
- Airtight with low water absorption
- Good chemical resistance to dilute acids and alkalis as well as fats in cold, solid form
- Microbial metabolizability - methods A and C according to DIN 846 (suitability in ventilation and air-conditioning systems (RTA) according to VDI 6022)

- Fasatan®/Fasatyl®**
The façade sealing system
- Fasatan®/Fasatyl® Fix**
The self-adhesive solution
- Fasatan®/tyl® Optima**
The solution for timber and façade constructions
- Fasatan®/tyl® Keder**
The sealing foil with the piping solution
- Winflex® Inside and Outside**
Window connection strips
- Winflex® Optima es Inside and Outside**
The complete window sealing system
- Winflex® Optima es Vario**
Convincingly and cost-effective
- Winflex® TriSave eco**
Active joint drying with variable diffusion behaviour
- Winflex® TriSave special**
The BG1 multifunction tape for all levels
- Combband 600 es, 600 plus & 300**
Precompressed sealing tapes
- Multi Primer**
The bonding enhancer
- Multi Primer**
for Spraying
- Phonotherm® 200**
The solution for plinths
- Phonotherm® curtain wall installation system**
- Rolaflex®**
The added value roller shutter box insulation system
- Bituplast® AW**
Waterproofing of the building base with ground contact



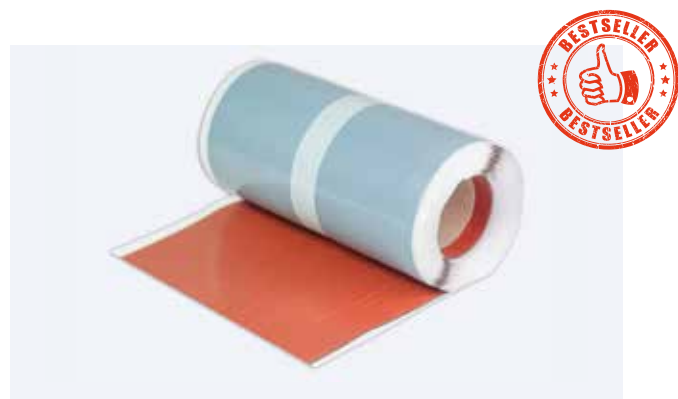
Note: All products have been marked on the main application. Some of these can also be installed and used in another place.



Roofing systems – Airy, but tight!

Rooftack® is the perfect solution for the flashing around chimneys and vertical structures. Thanks to its self-welding material with full-surface adhesion, **Rooftack®** is the professional in its field and suited for any application. The embedded aluminium expanded mesh renders **Rooftack®** outstandingly stretchable lengthwise and crosswise. The appealing smooth surface will excellently adapt to suit the roof.

Rooftack® allows safe and quick application. Materials tested over many years guarantee optimal sealing in the critical areas of a building. Such abutments are stressed by heat, rain, cold and other environmental factors – this is where **Rooftack®** will ensure reliable sealing.



Rooftack®

The chimney and wall flashing for every roof

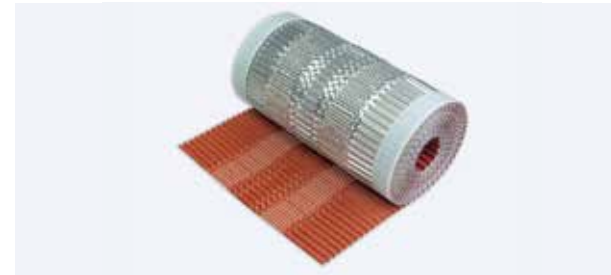
Standard roll width: 280 mm

Technical features:

- Self-welding surface
- UV and temperature resistant
- Stable expanded mesh insert
- Elastic in both directions
- Full-layer self-adhesion
- Colours: red, brown, black, grey



Roofing systems



Aeroflex® 315

Universally applicable ventilation strip

Aeroflex® 315 is a universally applicable ventilation strip for lasting ventilation and aeration of the ridge and hip region of pitched roofs. It is suited for flat and medium profiling in roof tiles and stones. Due to the film coating of the aluminium Aeroflex® 315 is particularly weather-proof, tear-resistant, easily laid and has a long service life. The pleating with a material expansion of up to 25 % percent facilitates laying.

Technical features:

- UV-stable and weather proof, Service life of at least 10 years
- Protection against bird damage
- High flexibility and mechanical strength
- Excellent fitting to roof cladding
- Upper surface of the compound material coated with double layer varnish, underside with protective varnish

Colours: tile red, brown, black. Widths: 220, 310, 350, 390 mm



Aeroflex® 200 es

The multifunctional one

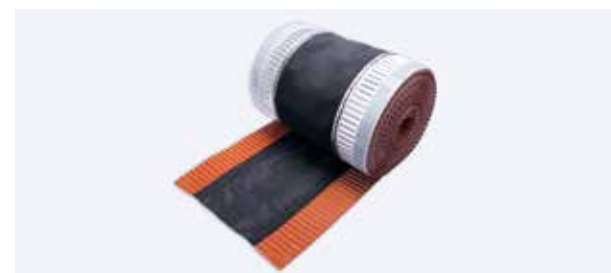
Aeroflex® 200 es is a foil reinforced aluminium foil for all roof surfaces. Perfectly matched materials ensure that the system will be highly resistant to cold and heat and has a high tear strength.

This allows unrestricted functionality of **Aeroflex® 200 es**. The sides are welded to prevent injury.

Technical features:

- Durability and colour fastness through improved material composition
- Metal strips are UV- and weather-resistant
- Bonded plastic foils for high mechanical strength
- Easy to apply
- Welded edges

Standard roll width: 300 mm



Aeroflex® 500 es

Airy, yet robust!

Aeroflex® 500 es with its special stitching, the new aluminium and plastic foil and welded edges offers the complete solution. **Aeroflex® 500 es** will guarantee reliable sealing of ridge and hip and distinguishes itself by its outstanding ventilating properties on flat and large format tiles.

Technical features:

- Highly corrosion and weather resistant
- Bonded plastic foils for high mechanical strength
- Carrier material stitched with metal strips
- High UV, thermal and ozone resistance
- Easy to apply
- UV resistant

Standard roll width: 300 mm



Aeroflex® 840

Patented safety for the roof

Our new and patented **Aeroflex® 840** is the masterpiece for every pitched roof and ensures optimum rear ventilation of the roof covering. Thanks to its unique „wings“ that can be folded out - the second level - it permanently closes the ridge area and prevents any external penetration from insects, small animals, drifting snow, coarse dirt and rain.

Technical features:

- Protection of the substrate from environmental influences
- Insects can no longer penetrate under the ridge tile, as well as small animals, snow or rain
- Particularly dimensionally stable
- High UV resistance
- Very good air permeability
- Suitable for all types of tile

Colours: red, brown, black, tile red. Widths: 360 and 390 mm



Rooflex® es

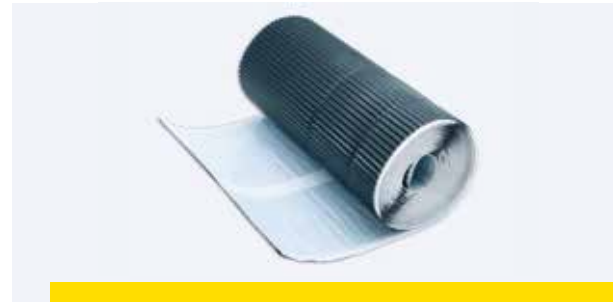
We keep it tight

Special structuring, perfect appearance and excellent adaptability render **Rooflex® es** the perfect system sealing solution. Full-surface Butyl adhesives not only ensure durably bonding but also facilitate laying when compared to other sealing tapes. The foil reinforced aluminium renders the product simply strong and this strength will ensure many years of service life.

Technical features:

- Excellent adhesion, also without primer
- Outstanding application properties
- Compensates substrate tolerances
- Good weather- and water-resistance
- Contains no hazardous lead

Standard roll width:
280 mm



Aluflex® es

Self-adhesive flashing tape

Aluflex® es is a self-adhesive flashing tape coated with Butyl on one side, made of profiled and foil-reinforced aluminium with preformed bending positions. Prefabricated corrugation allows moulding the sealing tape by stretching and compressing to fit any imaginable substrates in the roof. The foil reinforced aluminium renders the product simply strong and this strength will ensure many years of service life.

Technical features:

- Resistance to weather and ageing
- Easy to apply
- UV resistant
- Ozone resistant
- Contains no hazardous lead

Standard roll width:
280 mm



Kralloplast/Elastoflex

Roofing tapes for airtight bonding

Kralloplast and **Elastoflex** are two ideal universal adhesive tapes for airtight sealing of vapour retardants and barriers around roof penetrations and skylights. Stretchable PE foil allows **Elastoflex** to perfectly adapt to substrates. **Kralloplast** tears off easily by hand, rendering it flexible and user-friendly. Our tapes can also be printed to suit your needs.

Technical features:

- Strong initial adhesion (sticks immediately)
- Strong and durable adhesion (high resistance to peeling, shearing, stripping)
- Highly flexible
- Good resistance to weather and ageing
- Contains no solvents, emulsifiers or emulsion agents

Standard roll width:
60 mm



Aluflex® Balustrade es

Precompressed sealing tape

Aluflex® Balustrade es is your universal sealing tape for abutment joints in pitched roof areas and for penetrating vertical structures, e. g. chimney / wall and balustrade connections. It comprises an aluminium and plastic foil with butyl rubber adhesive strips flush with the edges. **Aluflex® Balustrade es** is available in many colours to match virtually any roof.

Technical features:

- Bonded plastic foils for high mechanical strength
- Highly corrosion and weather resistant
- Easy to apply
- High UV and thermal resistance
- Very high tear strength

Standard roll width:
150 mm



Nail sealing tape

Optimal closure

We also sell nail sealing tape made of PE foam or butyl rubber for sealing nailed, tacked or screwed areas. When professionally applied our nail sealing tapes guarantee an optimal sealing of nail and screw penetration holes and comply with the guidelines of the **ENEV and the National Association of Roofers (ZVDH)**.

Technical features:

- Strong initial adhesion (sticks immediately)
- Strong long-term adhesion (high resistance to peeling, shearing, stripping)
- High degree of flexibility
- Meets the EnEV and ZVDH requirements



Profile fillers bars and pieces

Optimal fit for your insulation

We produce **profile fillers** of different materials and different contours. Thus you can purchase our profile fillers in Microlen-PE, EPDM, Basotect® and a whole range of other foam and insulating materials. Precision contour cutting ensures an optimal fit for your trapezoidal or sandwich roof.

Technical features:

- Can be custom laminated
- Extremely good fit due to CNC controlled cutting technology
- Can be produced to suit your own requirements and ideas

Standard dimensions:
customisable to meet your requirements



Valley Seal Strip

The sealing in the throat saddle area

Valley sealing strips are used in roofing for sealing in the valley saddle area or as sealing strips around skylights. The wedge shape enables quick work and reliable sealing as well as good thermal insulation performance. The self-adhesive finish is designed in such a way that overstretching of the strip cannot occur in either the longitudinal or transverse direction. The specifications according to the state of the art and the ZDVH are fulfilled.

Technical features:

- Reliable sealing in the throat saddle area
- Fast working due to adaptable wedge shape
- Very good adhesive strength of the self-adhesive coating
- Special self-adhesive coating prevents overstretching
- Free of solvents

Standard size:
1000 x 60 x 30 mm



More information on our waterproofing technology, products and their areas of application can be found on our homepage:



www.bosig.de/en



The **Noiseflex®** acoustic columns (**Quadra** and **Ronda**) from BOSIG are the modern retrofit soundproofing solution for room concepts that do not offer the possibility of installation on the ceiling or wall. The three-dimensional absorbers are especially suitable for recreation rooms, conference rooms, open-plan offices and wherever an acoustic problem needs to be solved.

Not only are they a real eye-catcher thanks to their appearance, they are the individualists among the sound absorbers. Choose the look that suits you from countless colours and textile types. Individual printing can also be made to brilliantly reproduce the motif or logo of your choice.



Noiseflex® Acoustic pillar

Free-standing and individual broadband absorber

Technical features:

- Fast and space-saving installation
- Class A tested for harmful substances according to ISO 16000¹
- Aesthetics and function in one product
- Low weight, yet stable
- Significantly reduces reverberation time
- Customised fabric design
- Sturdy anodised aluminium pedestal²

¹Applies only to melamine resin foam used as filling

²optionally available

Standard dimensions: 350 x 350 x 2000 mm (Quadra) and Ø 350 x 1600 mm (Ronda)
Other dimensions available upon request



Noiseflex® Picture +

Sound absorbing wall pictures with aluminum frame

Noiseflex® Picture + are printed sound absorbers with acoustic filling. You can have printed with your own images, motifs, logos etc.. We print **Noiseflex® Picture +** to suit your own ideas. A weatherstrip welt clamps the fabric into the frame, allowing the fabric to be replaced as desired. You can see a selection of standard images at picture@bosig.de.

Technical features:

- The print motif may be updated at any time to suit your needs
- Can be printed to meet your individual requirements
- The frame can be engraved acc. to your requirement
- Easy to retrofit
- Elegant frame design
- Also available with black frame

Standard dimensions: 1000 x 500 /
1000 x 700 / 1000 x 1000 /
1500 x 1000 / 2000 x 1000 mm



Noiseflex® Picture

Frameless, sound absorbing pictures

For all those who do not attach importance to B1 fire protection and who find a frame rather disturbing, we have developed our **Noiseflex® Picture**. The now available frameless version consists of wooden frame strips, which are certified according to the FSC standard and manufactured in Germany.

Technical features:

- Individually printable according to your requirements
- High sound absorption
- Easy to install
- Elegant design due to invisible frame

Standard dimensions:
1000 x 500 / 1000 x 1000 mm



Noiseflex® Cover

Sound absorbing absorber

Noiseflex® Cover offers a wide range of attractive features. The wall and ceiling absorber is surface-laminated with high-quality furniture fabric. This makes **Noiseflex® Cover** a real all-rounder product. There is a choice of high-quality fabric covers in a wide range of colours, or the option of printing the cover with an individual motif. The product impresses with excellent acoustic properties, and as a flexible design element.

Technical features:

- Huge colour and texture selection
- Compliant with OEKO-TEX Standard 100 - Class 1
- Highly sound absorbing
- Elegant design
- Simple retrofitting possible
- Versatile use

Standard dimensions:
As per your requirements



Noiseflex® Nature

The „green“ wall and ceiling absorber

Noiseflex® Nature is an acoustic panel with alpine hay decorative coating to protect walls and ceilings in a unique way. Use the combination of outstanding acoustics, characteristic appearance and natural materials to experience spatial acoustics with virtually all your senses anew.

Technical features:

- Decorative coating sourced from organic farming
- Not soluble in fat or water
- Slight hay fragrance
- OEKO-TEX-Standard 100 Class 1 (carrier panel)
- Reinforced without any chemical binding agents

Standard dimensions:
1000 x 500 x 50 mm
and 600 x 600 x 50 mm



Noiseflex® Cube

Sound absorbing cubes

Noiseflex® Cubes are sound absorbers of Basotect® with a fabric cover complying with fire protection class B1. Acoustic issues can be resolved in an original manner with these sound absorbers. These sound absorbers tend to be used primarily in Kindergartens and schools but also in high ceilinged spaces such as stairwells and production halls. They are extremely light, quick to install and to move. **Available colours: black, white, yellow, red, blue and green or individually printed**

Technical features:

- High level of noise absorption
- Visual improvement of the premises
- Low weight
- No chemical additives
- Meets the requirements for the "Confidence in Textiles label"

Standard dimensions:
200 / 400 / 600 mm



Noiseflex® Ceiling Sail

The chic ceiling absorber

Noiseflex® Canvas are sound absorbers made of Basotect®, which can improve working conditions in reverberant spaces. Optimal speech intelligibility significantly improves communications. The working environment is pleasantly influenced through the reduction of the reverberation period. Noiseflex® Ceiling Sail constitute a design feature in any room. Note: We also sell the corresponding hanging materials.

Technical features:

- Meets the requirements of fire protection class B1
- Outstanding acoustic characteristics
- Easy to retrofit
- Elegant design
- Virtually invisible installation

Standard dimensions:
1000 x 1000 / 1000 x 1500 /
1000 x 2000 mm



Noiseflex® Corpo

The somehow different acoustic solution

If you are looking for an unusual acoustic solution, then use our **Noiseflex® Corpo**. With their fine garments, they add the finishing touch to your rooms and of course do not have to hide in terms of sound absorption. Use these individualists for individual and unique design variations.

Technical features:

- Individual fabric design
- High sound absorption capacity
- Fire behaviour B1 fulfilled
- Class A tested for harmful substances according to ISO 16000 (MH foam)

Standard dimensions:
customisable to meet your
requirements



Noiseflex® Conso Paneel

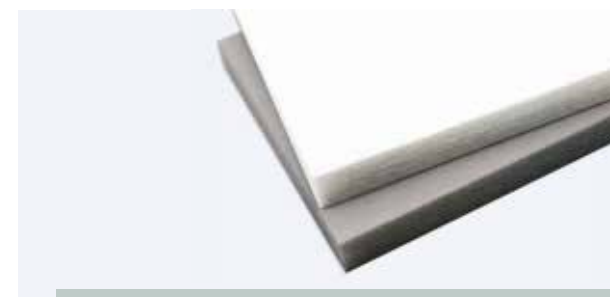
Sound absorbing partition wall system

Noiseflex® Conso Paneel is factory-fitted with an all-round aluminium frame and impresses with its unique feel and appearance. **Noiseflex® Conso Paneel** adapts to almost any room design thanks to its neutral colouring. The picture hangers, which are attached at the back, also make installation easy.

Technical features:

- Compliant with OEKO-TEX Standard 100 - Class 1
- Highly sound absorbing
- Elegant design
- Easy subsequent assembly
- Versatile applications

Standard dimensions:
1000 x 500 / 1200 x 600 mm



Noiseflex® Conso

Versatile use

Noiseflex® Conso excels through its unique look and feel. The specially stabilised polyester surface gives **Noiseflex® Conso** additional stability, rendering it an absolute eye catcher, even untreated! No matter whether you suspend **Noiseflex® Conso** from the ceiling, install it in a grid ceiling, mount it to the wall or even in an aluminium frame, **Noiseflex® Conso** is unbelievably versatile and refinable.

Technical features:

- Compliant with OEKO-TEX Standard 100 - Class 1
- Highly sound absorbing
- Low weight
- Enhancing the interior ambience
- Multiple applications

Standard dimensions:
As per your requirements



Noiseflex® Piano

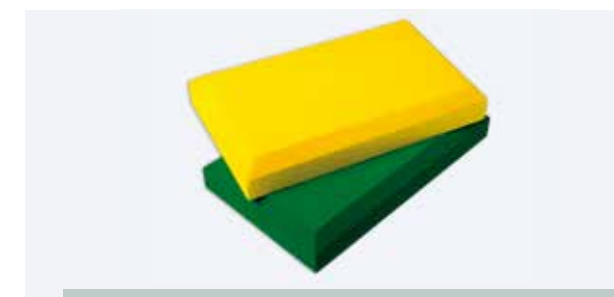
Efficient silencing

Noiseflex® Piano is a closed cell polyethylene foam; the cells open during later processing of the product. This yields a material with very good sound absorbing and also sound damping properties. The material is resistant to water and moisture.

Technical features:

- Superior noise control
- Resilient to water and humidity
- Rigid yet versatile
- Flame retardant
- Superior mechanical strength

Standard dimensions:
2400 x 1200 x 25 and 50 mm



Noiseflex® Pigmento

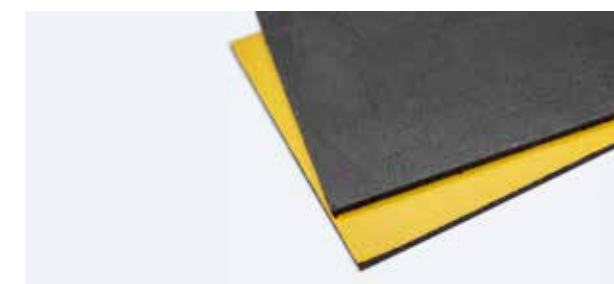
Sound absorber with painted surface

Noiseflex® Pigmento are sound absorbers made of Basotect® with painted colour, flocked, fabric wrapped or felt covered surfaces. The fabric type with fire protection class B1 is available in 6 standard colours (blue, yellow, red, white, black and green). The painted version is available in virtually any colour imaginable, with reference to the RAL colour chart. **Noiseflex® Pigmento** is easy to install using Velcro.

Technical features:

- Highly sound absorbing
- Low weight
- Enhancing the interior appearance

Standard dimensions:
As per your requirements



Noiseflex® Heavy and Light

Vibration insulation based on bitumen

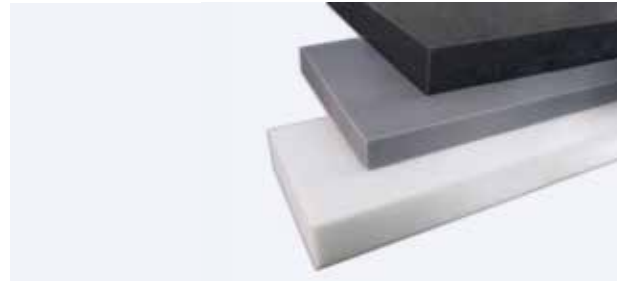
Noiseflex® Heavy is a heavy duty, extremely pliable, self-bonding, mineral-filled, bitumen-based foil with no substrate layer with a high-quality, acrylate-based adhesive system.

Noiseflex® Light is a single-sided, self-bonding, felt-based bitumen card for structural vibration damping, which is primarily used for sound reduction in metal and sheet metal components.

Technical features:

- **Noiseflex® Heavy:** Very high surface weight, whereby low frequencies and vibrations are absorbed.
- Can even be used in very low temperatures
- Ageing resistant
- Self-bonding
- Dirt resistant surface

Standard dimensions: 1000 x 1000 mm
in various surface weights



Noiseflex® Classic MH and PU

Edge absorber

Noiseflex® Classic are smooth surface sound absorbers made of Basotect® or PU-foam. Due to the use of our highly effective absorption material this wall or ceiling sound absorption system achieves a high absorption value even with a relatively low material thickness. Due to a broad absorption spectrum the acoustic foam can be used in many situations.

Technical features:

- Achieves high absorption values
- Complies with fire performance level B1
- Easy to use
- Painted version is also available

Standard dimensions:
1000 x 500 x 30/50/70/100 mm



Noiseflex® Classic Plus MH

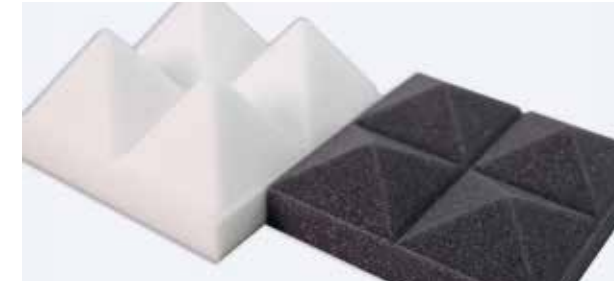
Edge absorber with chamfer

Noiseflex® Classic Plus are pyramid absorbers made of Basotect® or PU-foam. Due to the use of our highly effective absorption material this wall or ceiling sound absorption system achieves a high absorption value even with a relatively low material thickness. Because of their chamfered edges they can easily be integrated into an existing ceiling grid.

Technical features:

- Achieves high absorption values
- Complies with fire performance level B1
- Optically appealing
- Painted version is also available

Standard dimensions:
1000 x 500 x 30/50/70/100 mm



Noiseflex® Pyramis MH and PU

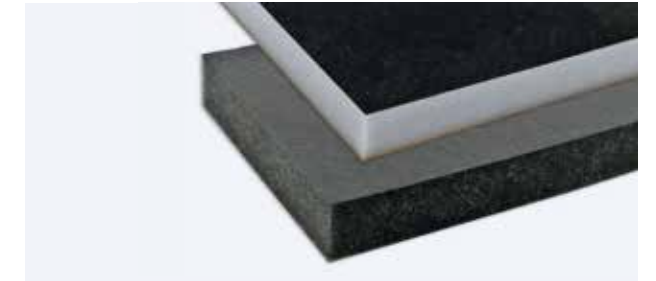
Stylish pyramid absorbers

Noiseflex® Pyramis are pyramid absorbers made of Basotect® or PU foam. The vibration of the air particles is converted into thermal energy by the pyramid-shaped surface and special pore structure of the pyramid absorber. This pyramid absorber has the property to shorten the reverberation enormously and to eliminate reflections.

Technical features:

- Achieves high absorption values and significantly reduces reverberation times
- As PU-foam the FMVSS 302 is fulfilled
- B1 is fulfilled as MH foam
- MH-version also available painted and flocked

Standard dimensions:
1000 x 500 x 30/50/70/100 mm



Noiseflex® Proof MH and PU

Self adhesive sound absorber

Noiseflex® Proof is a self-adhesive sound absorber made of polyurethane foam with a protective surface coating of polyurethane lining on one side. This absorption layer is excellently suited for sound reduction in machines, switch housing, air-conditioning systems, ventilation ducts and sheet metal cladding and can even be used for thin sheet metal cladding in automotive construction.

Technical features:

- Highly sound absorbing
- Easy to process
- Meets the requirements of FMVSS 302
- Easy to clean
- Water repellent

Standard dimensions:
1000 x 500 x 10/20/30 mm



Noiseflex® Partion Wall L

Acoustical separation wherever you need it

Noiseflex® Partion Wall L is a high-quality partition wall for the acoustical shielding. It consists of a stable polyester fleece board and high-quality aluminium feet. The polyester fleece is a hardened acoustical fleece that consists of PET staple fibre for which e.g. recyclates of PET bottles are used. **Noiseflex® Partion Wall L** is a variable, visually appealing design element and a perfect acoustical shielding.

Technical features:

- Made to measure cut-outs are available on request
- High acoustical separation
- Modern design by timeless PET fleece
- Moisture – and dirt-resistant
- Meets fire class B1

Standard dimension:
900 x 1800 mm



Noiseflex® Partition Wall S

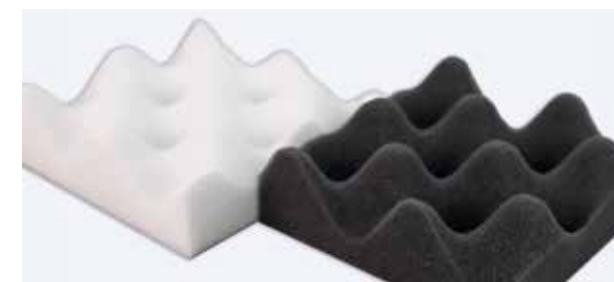
Sound absorbing desk partitions

Every employee wants a quiet environment in which they can work in a concentrated and undisturbed manner. However, employees often sit opposite each other in table combinations and thus suffer from each other's spoken word. **Noiseflex® Partition Wall S** starts exactly there and prevents the passage of sound. Exactly what is needed to be able to work in a concentrated and undisturbed manner.

Technical features:

- Compliant with Fire Protection Class B1
- Supplied in many material colours
- Easy to retrofit
- Excellent acoustic properties
- Elegant design
- Individually printable

Standard dimensions:
1000 x 500 / 1200 x 600 mm



Noiseflex® La Ola MH and PU

An all-round solution

Noiseflex® La Ola are sound absorbing with a burled surface made of Basotect® or PU-foam and, like pyramid foams and flat foams, are used for reverberation reduction.

Technical features:

- Achieves high absorption values
- As PU-foam the FMVSS 302 requirements are met
- As an MH-foam the B1 requirements are met
- Also available in a MH (melamine resin) version

Standard dimensions:
1000 x 500 x 20/30/40/50/70/100 mm



Noiseflex® Trabis

Insulation from the inside

Everyone knows it, unwanted noise from outside or noisy neighbours who do not want to reduce their noise level. With **Noiseflex® Trabis** you can considerably reduce the sound transmission and at the same time have a subsequent interior wall insulation. Noiseflex® Trabis can easily be retrofitted to your wall structure. Then line and plank with a special Noiseflex® Classic PU. Done.

Technical features:

- High sound absorption capacity
- Effectively prevents sound transmission
- Good thermal insulation characteristics
- Low weight
- Easy to assemble by yourself
- Can be processed with conventional woodworking machines

Standard dimensions:
As a set for approx.
5.40 m² wall surface

Elastomer technology for industrial applications

You have special wishes for our sponge rubber?

Whether sponge rubber balls or also rolls of sponge rubber, the material allows a variety of shapes & variants in different qualities and colours. Individually adapted to your application, we create products with sponge rubber and/or EPDM or cellular rubber in which the special properties of the materials have been optimally worked out.

Upon request, our application engineering department will work with you to develop a sponge rubber compound with the desired properties and individual readiness for use.



Elastoform® Sponge rubber

Vulcanized natural rubber - for your application

Possibilities:
Individually according to your requirements

Technical features:

- Extremely elastic, deformable and compressible
- Good abrasion characteristic and high degree of absorption
- Heat resistant up to +70° C
- Tensile strength: 0.15-1.2N/mm² depending on sponge type
- Environmentally friendly
- Available in many different thicknesses and pore structures

Elastomer technology for industrial applications



Noiseflex® Vallo

UV resistant insulation

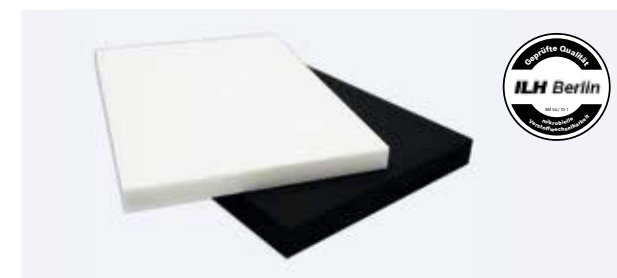
Noiseflex® Vallo is primarily used for insulation in pipeline or ducting systems subject to condensation. It is outstandingly UV resistant and can be used both inside and outside.

Noiseflex® Vallo meets the requirements of VDI 6022, Sheet 1 and is suitable for use in ventilation and air-conditioning systems.

Technical features:

- Very good heat insulation properties
- Deployable in temperature ranges from - 57 °C to + 125 °C
- Low water absorption
- PVC and CFC-free manufacturing

Standard dimensions: customisable to meet your requirements



EPDM 60, EPDM 120 and Microlen-PE

Versatile foams

EPDM 60, EPDM 120 and Microlen-PE are closed, fine-celled foams, which can be used in many different scenarios. They have good mechanical properties and have a good degree of ageing resistance. **EPDM 60, EPDM 120 and Microlen-PE** are often used in machine and plant construction, either as a sealing material or for noise reduction.

Technical features:

- Outstanding noise reduction properties
- Very good mechanical characteristics
- Outstanding abrasion resistance
- Compliant with VDI 6022, Sheet 1 provisions

Standard dimensions: customisable to meet your requirements



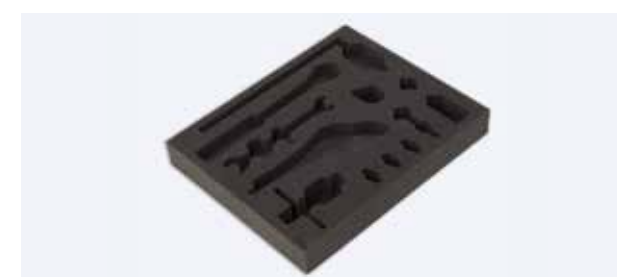
Cellular rubber XVA 45

Tile grouting made easy

Cellular rubber XVA 45 is produced from high-quality ethylene vinyl acetate (EVA) copolymers in a density of approx. 45 kg / m³. Many different shapes can be produced from the raw material, e.g. square blanks, die-cut parts and moulded parts for friction linings for tile grouting.

Technical features:

- High temperature resistance from - 40 °C to + 60 °C.
- Available in black and green



Packaging foam qualities

Your product well and safely packed

Our standard range offers various PU-, PE-, EPDM- and hydro foams, which may shape and contour to match your specific needs. Anything not standard stock we can procure to order. We specialise in low and high volume series production and will find the optimal and most economical packaging solution to suit your needs.

Technical features:

- Available in various qualities
- Shaped and contoured to specification

Options: customisable to meet your requirements



Cold shrink tape

Durable sealing in ventilation systems

Despite low material thickness of only appr. 0.6 mm, the BOSIG **cold shrink tape** meets top demands for functionality and appearance. The special carrier comprises a pliable, stretching Polyethylene foil, coated with cold weld Butyl rubber adhesive. **Cold shrink tape** is used for durable sealing of flexible and rigid pipework, aluminium air supply and exhaust ducts, galvanised sheeting, Polyethylene and hard PVC. It will meet VDI 6022, Sheet 1 requirements and is suited for use in ventilation and air conditioning systems.

Technical features:

- B2 according to DIN 4102
- Particularly pliable
- Highly stretchable
- Durable resistance to water
- Very high resistance to ageing
- High initial adhesion

Standard size:
Available in widths of
10 – 1000 mm



Noiseflex® Piano

Efficient silencing

Noiseflex® Piano is a closed cell polyethylene foam; the cells open during later processing of the product. This yields a material with very good sound absorbing and also sound damping properties. The material is resistant to water and moisture.

Technical features:

- Superior noise control
- Resilient to water and humidity
- Rigid yet versatile
- Flame retardant
- Superior mechanical strength

Standard dimensions:
2400 x 1200 x 25 and 50 mm

You want more information
about our elastomer technology
or sponge rubber?

Here is the overview:



Ask us, we will gladly
advise you!

www.bosig.de/en

Did you know?

Sponge rubber is suitable for applications in the food industry –
with letter and seal!

You can rely on BOSIG!

The **FDA approval** according to guideline 21 CFR 177.2600 confirms that our sponge rubber qualities are harmless in contact with food. With the latest formulations and ingredients including blowing agents that are REACH compliant - Everything for your safety.

FDA approval is available for our BOSIG sponge rubber block goods as well as processed products such as sponge rubber balls for the cleaning of pipelines, e.g. in beverage dispensing systems and sponge rubber rolls, which are used for labeling on food packaging, comply with the requirements of the FDA product class „**contact with food**“.



 **ELASTOFORM**



The **Elastoform®** product range boasts densities ranging from 160 to 600 kg/m³, thus ready to meet all demands. Our department for the development of formulations is ready to meet even special customer requirements. Our products are available in porosities from extra fine to extra coarse. Here again, we will endeavour to meet special customer requirements by working towards the achievement of special porosities in cooperation with the customer.

We are one of the few manufacturers who still produce sponge rubber at the highest level. In addition to a wide range of standard qualities, we also work with you to develop individual rubber compounds for your specific application. No matter if density, colour or porosity, our specialists in the field of compound development are at your side. We have aroused your interest? Then please contact us at 07162/4099-0.



Pressure roller for labels



Rollers in a conveyor station

The areas of application of sponge rubber:

- Disks for smoothing plaster
- Labelling and pressure rollers
- Pipe cleaning balls for beverage
- Seals for vacuum grippers
- Machine supports
- Floats and tile cleaners
- Disease control mats
- Wiper rubber for window wipers
- Cleaning rollers in the foodstuffs industry
- Transport belts and treadmills
- High temperature pipe cleaning balls
- Adhesive applicator rollers
- Transport rollers for the packaging industry
- And many more...



The dried latex juice is the basis of all mixtures.



Mixing mill during mixing the recipe, after mastication



Finished baked block after drawing and venting



Horizontal splitting at the highest level of automation

Elastomers and sponge rubber – product forms:



Balls



Float coverings

Product available without tile trowel!



Cylinders, rollers



Blanks, moulded parts



Tiling systems

We all use them every day, wet rooms and wet cells, for body care. Tiles are mainly used for easy and hygienic cleaning of walls and floors. Tiles are water-repellent and protect the substrate from moisture penetration. The situation is different with the joints, where shrinkage cracks can occur in the mortar or even the smallest hairline cracks as a result of component movements and temperature stresses. As a result, the joint is moistened and the moisture reaches the substrate. Here, however, our **Aquastop es** gives you the assurance that the moisture does not penetrate the building, but can dry off again through the joint and that is tested and approved. You will also find an extensive range of accessories such as inner and outer finished corners as well sealing collars for wall and floor in our range.



Aquastop es

The sealing tape for wet rooms and wet rooms with a general building authority test certificate

Standard dimensions:
120 mm x 50 m rolls

Technical features:

- Easy to process
- Tightness tested according to DIN 18534
- ZDB compliant sealing designs
- Crack-bridging, flexible and decoupling
- Printed central measurement scale
- Extensive range of accessories available
- Tested in system with accessories (AbP)

Tiling systems



Bathtub sealing tape sa

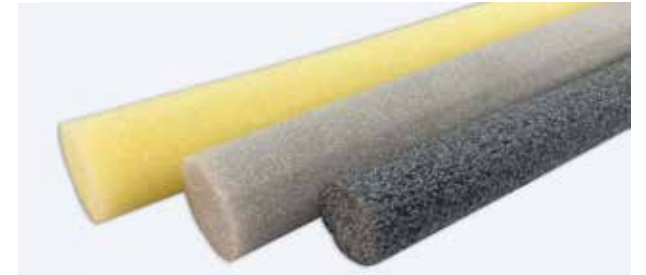
Sanitary waterproofing

Bathtub sealing tape sa is a special tape for sealing of baths, shower trays and the like against a wall. The stipulations of the ZDB [German Construction Confederation] data sheet "Substrate waterproofing" state that baths and shower trays must be sealed underneath and behind if the surrounding structures or laying substrates are sensitive to moisture or if the wet area in which the bath is located falls under moisture stress classes A and C.

Technical features:

- Quick, safe, simple and reliable installation
- Enables ZDB data sheet compliant sealing
- Durably watertight

Standard roll width: 120 mm



Round profiles

Small dispenser, large dispenser and inner hole

Round profiles are primarily used for backfilling joints of every type. Our product range includes 3 different foam variants. **PE-Round profiles** are used for structural waterproofing in compliance with DIN 18 540. **HS- and PUR-Round profiles** are used as backfill materials e.g. in window construction or in sanitary sections. All three variants ensure an optimal functioning in each relevant area.

Technical features:

- Available in handy small dispenser or large dispenser cartons
- PE round profiles for joints according to DIN 18 540
- Reliable backfilling material (PUR/HS) according to the state of the art
- Optionally with inner hole (PE)
- Closed cell and non water-absorbent (PE round profiles)

Standard dimension:
available in various diameters and packaging types



Product available without tile trowel!

Sponge rubber floats

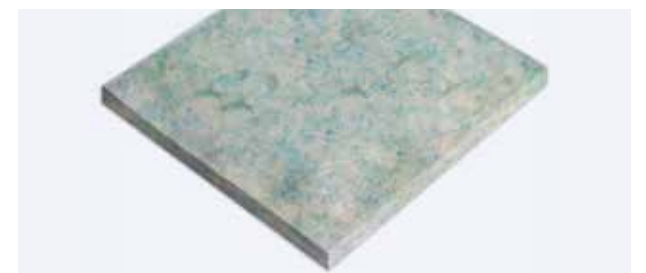
Versatile available qualities

We can offer you a variety of Sponge rubber floats and sponges in different qualities. Whether it is sponge rubber, cellular rubber or EPDM, PU or PE, we sell a variety of different raw materials, densities and colours of varying porosities. Every imaginable form and version is available whether large-pored or fine-pored, rasterised or non rasterised, printed or unprinted.

Technical features:

- Can be cut to meet your individual requirements
- Available in various densities and porosities

Standard dimension:
available in various forms and sizes



Phonotherm® 800

The decoupling plate

Phonotherm® 800 is ideal for improving impact sound and for decoupling critical substrates at different installation heights. As a supplementary product, you can obtain our Aquastop, the suitable surface sealing membrane for sealing under ceramic tiles and natural stone using the thin-bed method. Just ask us about it, we will be happy to advise you.

Technical features:

- Outstanding decoupling properties
- Suitable for living and commercial areas
- Can be glued on with conventional C2 cement-based sealants
- Very high compressive strength

Standard dimensions:
1000 x 600 x 4/7/9/15 mm



Fliesflex

The sanitary sealing tape

Fliesflex reliably prevents damp and water damage in sanitary sections. **Fliesflex** is used to seal connecting and component joints so that moisture and water are no longer able to seep into the subsurface and therefore guarantees an effective protection.

Technical features:

- Extremely flexible in transverse direction
- Prevents moisture ingress into the subsurface
- Outstanding adhesive qualities
- Easy to use

Standard roll width: 75 mm



Fabric Sealing Tape

Waterproofing in the wet cell area

Fabric sealing tape and **fabric sealing tape accessories** are used throughout the building sector for sealing, connecting and component joints, particularly in wet areas. Fabric sealing tape especially prevents moisture and water damage (showers, bath etc.) through application in the joints of the tile surface. The product range is perfectly complemented by the following accessories: **Sealing collar wall - Sealing collar floor - finished corner inside and outside**

Technical features:

- Very flexible
- Can be processed with all commercially available sealing slurries
- Prevents moisture from penetrating into the substrate
- Easy to use
- Free of oil and plasticizers

Standard roll width: 120 mm

Do you have any questions
about our BOSIG products?

Here is the overview:



Ask us, we will gladly
advise you!

www.bosig.de/en



Repair and sealing tapes

Bituplast AW by BOSIG is a bituminous sealing foil with excellent mechanical properties. It is used for sealing building plinths and wherever sealing against soil moisture in areas in contact with the soil is required, pursuant to DIN 18195, Part 4.

Given careful application, **Bituplast AW** will offer you reliable and economical sealing of your building for generations to come. **Bituplast AW** may have a multiply split cover foil for easier application (roll widths up to 350 mm).



Bituplast® AW

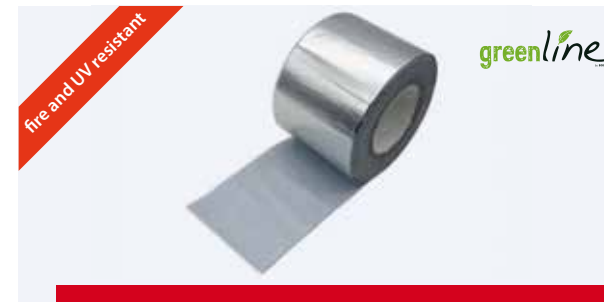
The tape that will keep you dry

Standard and not slit sizes:
available in widths of 30 – 1000 mm

Technical features:

- Multiply slit cover foil possible
- Particularly pliable
- Immediate bonding and waterproof
- Full-surface self-adhesive
- Meets DIN 18195 requirements
- Workable down to -10°C
- Also adheres to moist substrates

Repair and sealing tapes



Alubutyl FR

FR = fire resistant

Butyl tape with aluminium coloured PE foil, one-sided self-adhesive, highly UV resistant and flame-retardant, ideally for the sealing on the roof, glazing, canopy, ventilation connections, conservatory construction and modern fire protected façade constructions. **Alubutyl FR** can be used both inside and outside.

Technical features:

- Resistant to weathering and ageing
- Strong adhesion to absorbent and non-absorbent substrates
- Highly tear-resistant
- Adjusts to uneven substrates
- Vapour-diffusion proof
- Fire class B s-1, d0

Standard dimension:
Widths from 30 - 1000 mm



Alubutyl

Butyl tape for inside and outside

Butyl tape with an aluminium coloured PE foil, single sided adhesive. Ideal for sealing in the roof area, glass joints, porch roof abutments, ventilation ducts, conservatories and other joints in the structural area. Alubutyl is UV-proof and can be used both inside and outside.

Technical features:

- Weather- and ageing-proof
- Highly tear-proof
- UV-proof
- Also fits very well to uneven surfaces

Standard dimension:
Widths from 30 - 1000 mm



Lead Butyl

Butyl tape with PE film

Butyl tape with a vaporised aluminium, lead coloured PE foil, single sided adhesive. Ideal for sealing flashing, upstands, penetrations, skylights and fascias. Further areas of use in the roof, downpipes, lead strips and metal covers. Lead Butyl is UV-proof and can be used both inside and outside.

Technical features:

- Weather- and ageing-proof
- Easy to use
- Available in various versions
- UV-proof
- Also fits very well to uneven surfaces

Standard dimension:
Widths from 30 - 1000 mm



Fabric butyl

Fleece coated butyl

Variously coated butyl, single-side adhesive. Can be used in many areas! The tape can be plastered and tiled due to the fabric layer.

Technical features:

- Weather- and ageing-proof
- Easy to use
- Flexible in transverse direction
- Also fits very well to uneven surfaces

Standard dimension:
Widths from 30 - 1000 mm



Butyl Tape DS

Flexible butyl tape

Double-sided cold-self-adhesive, flexible butyl adhesive tape made of synthetic rubber. It sticks extremely strong without warming and adapts optimal to the contour of the background. **Butyl Tape DS** is durable self-adhesive and self-welding, watertight and tight towards water vapour. An easily peelable covering foil protects the butyl adhesive.

Technical features:

- High long lasting adhesive force after 24 hrs. (high resistance towards peeling, shearing, pulling)
- High flexibility
- Strong adhesive tack (sticks immediately)



Bituplast® Repair tapes

Lets you stand in the dry with pleasure

Bituplast® Repair tapes are bituminous sealing foils, which can be used without the aid of a propane gas flame or hot air. The bitumen rubber adhesive creates a waterproof seal on the surface when applied with hand pressure alone. The repair tapes are vapour blocking, non water permeable, weather and UV proof. They are ideally suited for sealing works on rain gutters, eaves and flashing, balconies and containers.

Technical features:

- High ageing stability
- Time and cost effective application method
- Immediate sealant effect
- UV-resistant
- Needs no warming or drying

Standard dimension:
Widths from 30 - 1000 mm



Multi Primer for Spraying

The adhesion improver - in black or transparent

Multi Primer for Spraying is a ready-to-use primer to improve adhesion to various conventional substrates, e. g. plaster, concrete, gas concrete, bricks, limestone, hard PVC and various sheet metals. Application is very simple: **Multi Primer for Spraying** – spray onto the surface to be primed, flash off, done. Apply by spray can - no further tools such as brush / roller required!

Technical features:

- Faster than brushing to apply
- Short flash off time
- Easier working overhead and vertical
- Permanently tacky
- Good surface adhesion

Supplied in a
750 ml spray can



Alubutyl Special

Butyl tape with PE foil

Alubutyl Special is an advanced development of our tried and trusted Alubutyl tapes. In terms of its workability it has been significantly improved and gives you a protruding masking paper layer, which makes it much easier to use on site. Alubutyl Special is UV-proof and can be used both inside and outside.

Technical features:

- Weather- and ageing-proof
- Highly tear-proof
- Also fits very well to uneven surfaces
- Easy to use
- Screwable

Standard roll width:
40/45/50 mm



Multi Primer

The adhesion improver -
can be applied with brush or roller

Multi Primer serves as a bonding agent for pre-treatment when processing Butyl- and Bitumen tapes. Multiprimer gives you the foundation for an excellent bonding to all common construction surfaces.

Technical features:

- An additional adhesive film ensures optimal bonding to a multitude of surfaces.
- Strengthens rough and porous surfaces
- Easy to use
- Ready to use straight out of the box

Delivery in: 1000 ml
and 5000 ml containers

Sealing in the building structure and connection area? No problem for us and our sealing tapes!

Please feel free to contact us.



www.bosig.de/en



Board technology

When conventional materials (wood, plastic or metal) reach their limits, you should rely on **Phonotherm® 200**. The **Phonotherm® 200** panel offers exactly what you need for your structural solution and in a quality that need not fear comparison. With **Phonotherm® 200**, you can insulate, construct and fasten with ease, even in extreme situations. Our modern CNC machining center creates precisely fitting molded parts for your special applications. Projects the way you need them!



Phonotherm® 200 and blanks

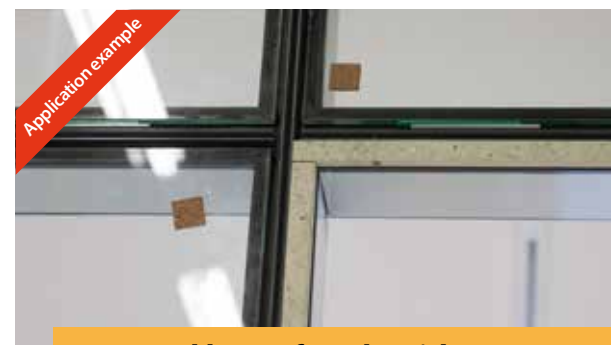


Curtain wall installation system

Excellent properties for demanding users:

- Sound insulation
- High compressive strength
- Free of formaldehydes
- CFC- and HCFC-free
- Biologically and ecologically harmless
- 100% water-resistant
- Resistant to putrefaction and rotting
- Easy to work on with conventional wood-working machines
- Optimal insulating properties compared to other materials
- Resistant to acids and chemicals
- Breathable/water vapour permeable
- Available in various formats and thicknesses, as needed
- Production waste is recyclable
- High mechanical resilience
- Boards and formed parts may be coated without a problem

Board technology



Post and beam façade with Phonotherm® 200



Use in façades for structure and insulation



Phonotherm® 200 as highly resilient basic profile

PHONOTHERM® Standard sizes

- 2400 x 1350 mm or 2400 x 1500 mm
- 3600 x 1350 mm or 3600 x 1500 mm

Other sizes are available upon request.

Thicknesses:

- DC 500 - from 15 mm to 60 mm
- DC 700 - 10 mm

Other board sizes are available upon request.



Firetherm®

High quality construction plate

Outstanding characteristics for demanding users

- Weather and frost resistant
- High compressive strength
- Easy to edit
- Lighter than conventional cement fibre boards
- Non-flammable
- Good sound insulation
- Schimmelbeständigkeit
- Easy processing with conventional woodworking machines
- Environment-friendly
- Frost and weather resistant
- Insignificant moisture swelling
- Excellent mechanical strength
- Available in various formats and thicknesses to suit your needs



Firetherm® is easy to mill & saw

Our **Firetherm®** fire protection panel cuts a fine figure even in hot weather! The board combines the constructive characteristics of wood with the fire-resistant characteristics of cement. Both together result in a high-quality construction panel that is non-combustible and yet easy to work with.

They are lighter than conventional cement fibre boards and have better mechanical strength than OSB or gypsum board. The **Firetherm®** fire protection panel is also extremely weather and frost resistant.

Standard dimension: 1250 x 3350 mm
panel thicknesses: 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32 mm
Other sizes are available upon request.

SEALflex® – Moulded parts for waterproofing

Sealflex® – The moulded parts for waterproofing in façade and pitched roofs. The perfect complement to our EPDM foil systems Fasatan® and Fasatyl® including all versions (Optima, Fix, weatherstrip, butyl-coated, es plasterable). **Sealflex®** is also an ideal match for the BOSIG Winflex® connection foils (all versions, plasterable, Optima).

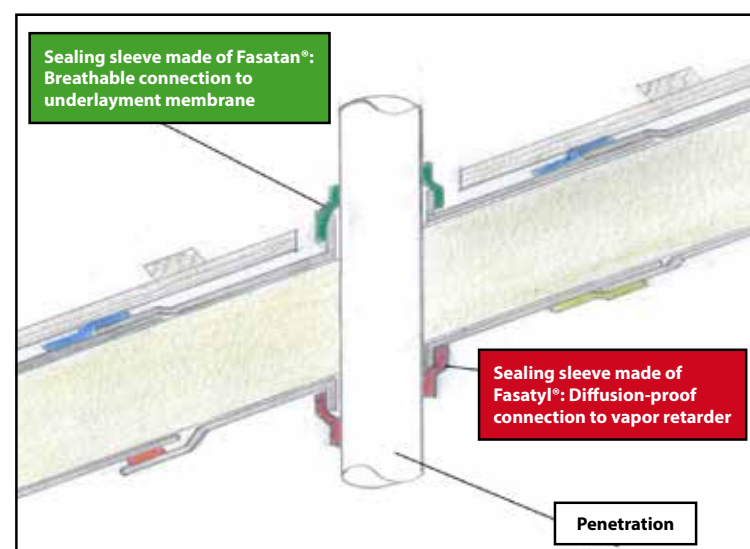
The applications are extremely flexible. Moulded parts for corners, landings and transitions. The mouldings can also be fully self-adhesive or with self-adhesive strips. Without self-adhesion, additional adhesives can be applied. The processing of the sealing sleeves is extremely simple. For the exterior, for connection to subroofs made of Fasatan® (breathable), for the interior, for connection to the airtightness layer made of Fasatyl® (diffusion-proof). Sealing sleeves in appropriate sizes are available for various penetrations. Penetrations of the airtightness layer of the building envelope must be permanently airtight. This requirement is set out in DIN 4108 - 7. If the vapor barrier/break is penetrated (e.g. by cables or pipes), these holes must be sealed.

The previous practice of sealing these problem areas with adhesive tape is risky and no longer reflects the current state of the art. Sealing sleeves offer decisive advantages in terms of handling and tightness.

Other possible applications:

Factory-preformed corner elements under window sills, factory-preformed corner elements in threshold sealing of floor-to-ceiling elements or exterior doors, and factory-preformed sealing elements in curtain walls.

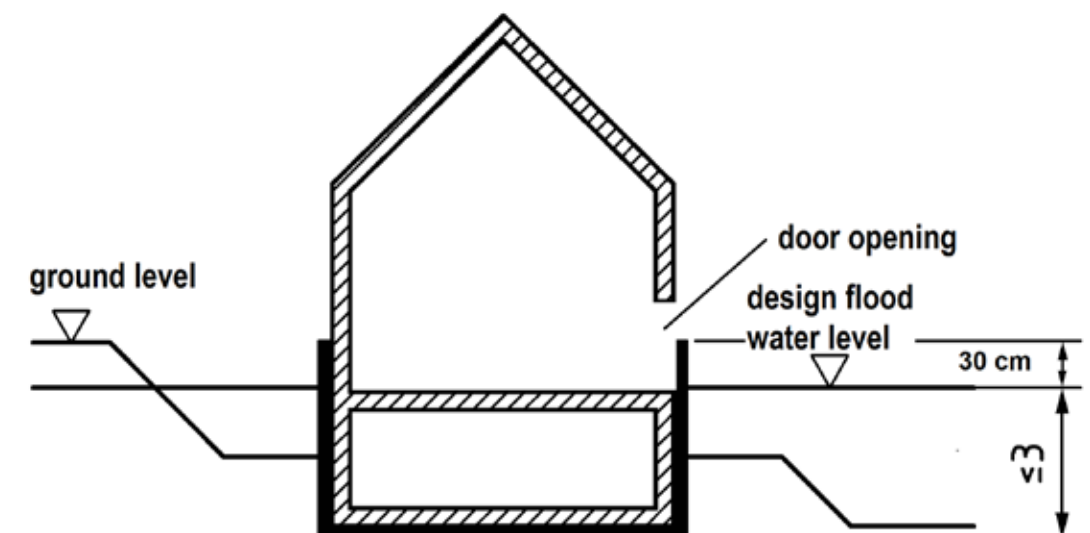
Sealflex® gives you the necessary security!



Sleeve dimensions: 150 x 150 / 260 x 260 / 345 x 345 / 520 x 520 mm

FASATAN® as flood protection

Fasatan® – Our EPDM foils are used not only to seal structures, but also the base of buildings. **Fasatan®** fulfills the water impact class W2.1-E here, so we are allowed to process this with **Fasatan® 0.8** and **Fasatan® TFS** with our general building inspection approval from the DiBT. Austrian standardization stipulates a backwater test for this. This works as follows: A component is manufactured, for which a box is connected watertight, allowing water to fill up to 15 cm above the sleeper joint. If no water can get through to the inside, the test is passed - Fasatan® 0.8 has successfully passed this test. In combination with a water pressure-tight door, this is **flood protection with Fasatan®**.

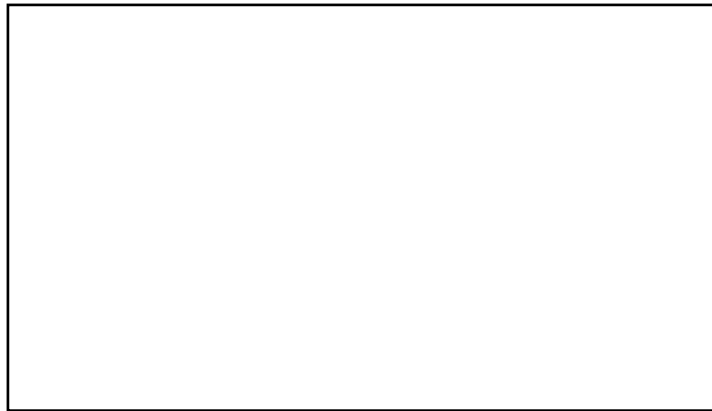


Sketch from DIN 18533, part 1, modified.:

ground level = Top edge of the terrain decreases from right to left = building with slope.
water level = The maximum water level to be expected at high water (design water level).



Your contact partner/commercial partner:



We are certified in compliance with DIN EN ISO 9001, DIN EN ISO 50001, DIN EN ISO 14001 and BS OHSAS 18001.
BOSIG GmbH is a member of the Rosenheim Institute for Production Engineering

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