BAS PANELS

BAS CONSTRUX



DISCOVER BAS CONSTRUX

BAS Construx is a Danish company specializing in the design and manufacturing of high-end BAS Panels and BAS Boards, delivering premium solutions to professionals worldwide. With a strong focus on Scandinavian aesthetics, exceptional durability, and long-lasting performance, BAS Construx creates products built for demanding environments—without compromising its commitment to sustainability.

Both BAS Panels and BAS Boards are engineered from basalt fibers combined with bio resin, resulting in an advanced composite material that is both strong and environmentally responsible. To ensure maximum protection and longevity, all products are coated with the innovative BAS FLEXCOAT, an ultra-strong surface finish that makes the products virtually maintenance-free and highly resistant to UV exposure, salt, and chlorine.

By combining innovative technology, sustainable materials, and premium design, BAS Construx delivers next-generation building solutions that set new standards for quality and performance.

DESIGNED TO PERFORM - MADE TO LAST



BAS PANEL

BAS Panels are handcrafted architectural and acoustic panels developed and manufactured in Denmark using basalt fibres and bio resin. Designed to combine aesthetics, sustainability, and high performance, BAS Panels offer a unique solution for modern architectural projects where durability, acoustic comfort, and visual identity are equally important.

Each panel is individually handmade and coated with the advanced BAS FlexcoatC surface treatment, providing exceptional resistance to UV exposure, salt, chlorine, and harsh weather conditions. The panels require virtually no maintenance, can be cleaned with a high-pressure cleaner, and are engineered for an exceptionally long lifetime. Every BAS Panel is backed by a 20-year warranty.

Beyond their durability, BAS Panels are designed to improve the acoustic environment in both public and private spaces. The panels reduce sound by up to 4.5 dB and feature an acoustic absorption coefficient of 0.80, helping create calmer, healthier, and more comfortable surroundings.

One of the greatest strengths of BAS Panels is the extensive level of customisation possible through the handmade production process. Panels can be tailored in shape, size, pattern, and pattern density, giving architects, designers, and developers complete creative freedom to create bespoke solutions for any project.

BAS Panels are suitable for a wide range of indoor and outdoor applications, including façades, urban spaces, balconies, garden dividers, acoustic walls, office environments, and architectural feature installations. Combining Scandinavian design with advanced material technology, BAS Panels deliver a sustainable and long-lasting solution without compromising on aesthetics or performance.

BAS Panel colors



Black



Mineral



Anthracite

BAS Panel standard patterns



Loop



Rush





PROPERTIES

WIND PROTECTION

The BAS Panel offers the optimum protection against wind. See the illustration.

EASY INSTALLATION

The BAS Panel can be installed easily using the Post F (Post with flange for mounting on deck or similar) or Post C (Post for installation with concrete).

SOUND REDUCING

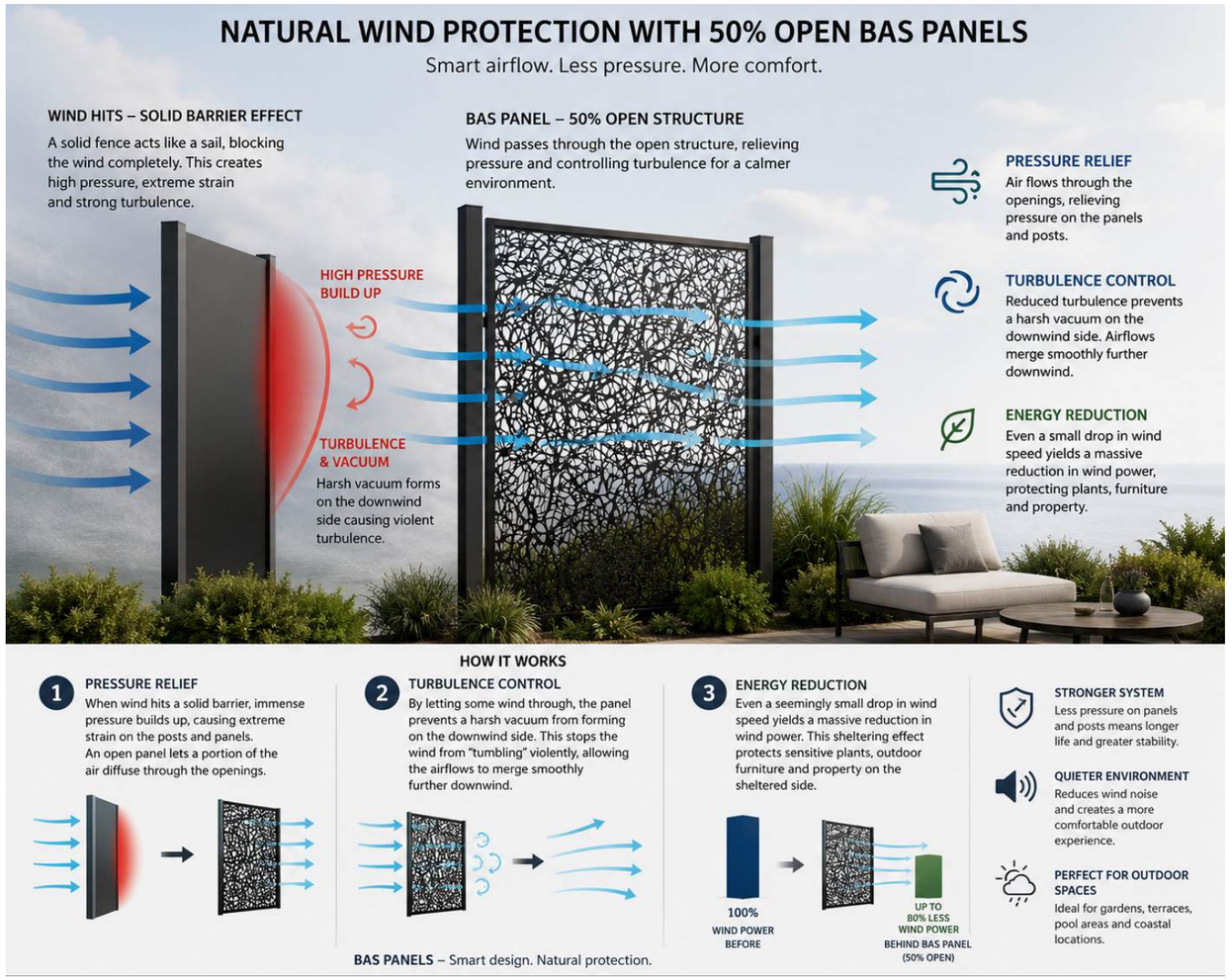
The open structure of the BAS Panel is very destructive towards sound wawes. The result is a sound reduction of 4,5 db. The BAS Panel can even be made double sided (customized) if an even greater reduction is required.

RESISTANT TO THERMAL VARIETIES

The BAS Panel they have no moisture, humidity or water intake and will therefore have the utmost minimal thermal varieties.

ACOUSTIC

The BAS Panel can be delivered as an acoustic improving solution. The acoustic coefficient is Class B with a score of 0,85 (NRC).



CHLORINE & SALT RESISTANT

BAS Panel is tested to work in both C4 and C5 enviroments and have excellent resistance against salt and chlorine.

PRODUCT DATA

THE PRODUCT

BAS Panel is a high-performance Panel engineered from basalt fibers impregnated with bio resin, offering exceptional structural strength and sustainability. Finished with an extremely durable BAS flexcoatC coating, it delivers superior resistance to weather, salt, chlorine and chemicals.

MATERIAL

Basalt fibre is a unique material formed from volcanic lava that solidified over millions of years. The slow cooling process creates a dense rock that can be processed into fibers through a high-temperature melting and drawing method. Basalt fibers are produced with minimal chemical intervention, making them eco-friendly compared to alternatives like carbon or glass.

The warranty on the BAS Panel is 20 years.

NO MAINTENANCE

The BAS Panel requires no maintenance and can be washed with a high pressure cleaner if needed(keep the nozzle approx. 30 cm away from the surface).

The unique 50% open structure of the BAS Panels provides highly effective natural wind protection while maintaining an elegant and lightweight appearance. Unlike solid barriers that create extreme wind pressure and strain, the BAS Panel allows part of the airflow to pass through, relieving pressure on both the panels and supporting structures.

By diffusing the wind, the open pattern reduces turbulence and prevents harsh wind gusts and vacuum effects on the sheltered side. This creates a calmer and more comfortable outdoor environment while significantly reducing the overall wind energy. The result is enhanced protection for sensitive plants, outdoor furniture, terraces, and surrounding property — all without completely closing off the space.

BAS PANEL FENCE

The BAS Panel is a premium fencing solution that combines innovative materials with timeless Scandinavian design. Manufactured from basalt fibres and bio resin, and finished with the advanced BAS FlexcoatC coating, the BAS Panel offers exceptional durability and performance in even the most demanding environments.

Designed to withstand harsh weather conditions, the BAS Panel is completely weatherproof and highly resistant to salt and chlorine, making it an ideal choice for coastal areas, swimming pools, gardens, terraces, and modern architectural landscapes. The surface is maintenance-free and can easily be cleaned using a high-pressure cleaner, ensuring a beautiful appearance for years with minimal effort.

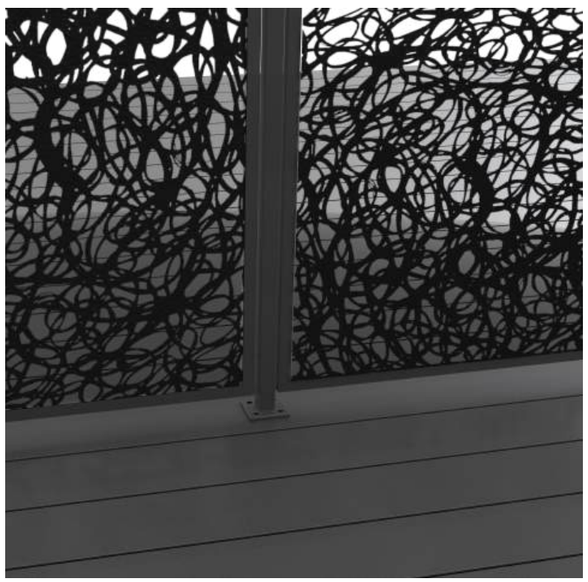
In addition to its robust durability, the BAS Panel also contributes to a more comfortable outdoor environment by reducing sound levels by up to 4.5 dB. Its unique organic pattern creates an elegant and natural visual expression while maintaining privacy and airflow. The density of the pattern can be customised upon request, allowing customers to achieve either a more open or more closed fence design depending on their preferences.





The BAS Panel is available in a standard width of 180 cm and in heights of 90 cm, 120 cm, 150 cm, and 180 cm. Custom dimensions can also be produced to suit specific project requirements. The panels are offered in three standard colours: Black, Mineral, and Anthrazite, enabling seamless integration into both contemporary and classic architectural styles.

For installation flexibility, the BAS Panel can be delivered with either Post F for direct fixation or Post C for insertion into concrete foundations. Backed by a 20-year warranty, the BAS Panel represents a long-lasting, sustainable, and aesthetically refined fencing solution built for the future.



BAS GARDEN DIVIDER

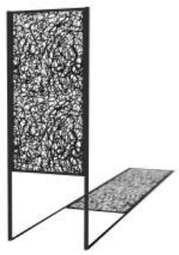


BAS GARDEN DIVIDER

110 x 200 cm

Customised on request

Fixation in deck or concrete



Combining elegant Scandinavian aesthetics with exceptional durability and functionalit, the BAS Garden Divider offers outstanding resistance to salt and chlorine, making it ideal for gardens, terraces, and poolside environments.

Completely weatherproof and maintenance-free, the surface can easily be cleaned with a high-pressure cleaner, ensuring a beautiful appearance year after year. In addition, the BAS Garden Divider contributes to a quieter outdoor environment with sound reduction of up to 4.5 dB.

Beyond functioning as a stylish garden divider, the BAS Garden Divider can also serve as an elegant trellis for climbing plants, adding a natural and architectural element to outdoor spaces.

The standard size is 110 × 200 cm, while customised dimensions can be produced on request to fit individual projects and design needs.

BAS ROOM DIVIDER

This stylish room divider is the optimum solution when creating elegant and flexible spaces for both commercial and private interiors and exteriors. With outstanding resistance to salt and chlorine, the BAS Room Divider is especially suitable for demanding environments such as restaurants, spas, conference rooms, and offices.

Completely maintenance-free and highly durable, the BAS Room Divider also contributes to improved acoustics by reducing sound levels by up to 4.5 dB, creating a more comfortable and refined atmosphere. Its modern aesthetic and functional performance make it an ideal solution for stylish separation and privacy.



BAS ROOM DIVIDER

width 150 or 180 cm

Height options:

120 - 150 - 180

Customized on request



BAS PANEL CUSTOMIZED



The BAS Panel used to create a stylish Garden door. Here used double sided to create a more dense pattern. The electric lock system has been built into the posts.

The BAS Panel used as combined bannister and sun shading solution. A timeless and elegant solution working very well also as a contrast to the wooden surface.



BAS PANEL BALCONY



The BAS Panel built in to the aluminium framing to create a stylish and aesthetic bannister. The complete BAS Panel and aluminium framing has been coated with BAS FlexcoatC in RAL 8019.

BAS Panels open up enormous possibilities in both design and functionality. Because every panel is handcrafted, we are able to offer an exceptional level of customization — from dimensions and finishes to unique patterns, materials, and technical solutions. This hands-on production process gives us the flexibility to adapt each panel to the specific vision and requirements of every project, creating truly bespoke solutions without compromising on quality or craftsmanship.

BAS OFFICE

The BAS Panels create healthier, more comfortable, and visually inspiring office environments by combining acoustic performance with elegant Scandinavian design. Thanks to their sound-reducing properties, BAS Panels help lower overall noise levels and improve acoustics, contributing to increased well-being, concentration, and productivity for the people working in the space.

The panels can be mounted directly on desks to create more focused individual workstations or used as stylish space dividers to define zones within open office layouts while maintaining light and openness. Their unique organic structure adds warmth and character to modern interiors while supporting a calmer and more balanced atmosphere.

In addition, BAS Panels can also function as trellises for integrated planters and climbing greenery, helping create greener, cleaner, and more biophilic workspaces that promote comfort, creativity, and employee well-being.



BAS ACOUSTIC



The BAS Panels offer an elegant and highly effective indoor acoustic solution for modern architectural spaces. Suitable for both wall and ceiling installations, the panels combine outstanding acoustic performance with a unique organic design that transforms interiors into calm, comfortable, and visually refined environments.

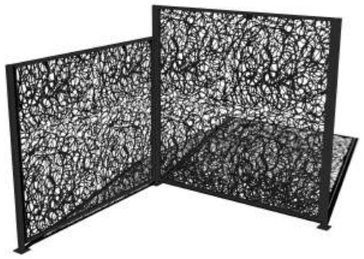
With an absorption coefficient of up to 0.80, BAS Panels significantly reduce reverberation and unwanted noise, improving speech clarity and creating a more pleasant atmosphere in offices, retail spaces, restaurants, hotels, and public interiors. The open organic structure not only enhances acoustic comfort but also introduces depth, texture, and a distinctive architectural identity.

In the image, the BAS Panels are used to create a flowing organic suspended ceiling that elegantly defines the space while improving the overall acoustics throughout the store. The sculptural ceiling design softens sound reflections from the hard floor and wall surfaces, resulting in a quieter and more comfortable shopping experience. At the same time, the intricate pattern creates a warm and exclusive atmosphere, demonstrating how BAS Panels seamlessly combine acoustic functionality with high-end interior aesthetics.

BAS ACOUSTIC



BAS PANEL PACKAGES



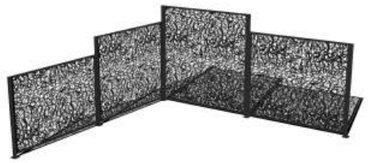
BAS PANEL ANGULAR L

190 x 190 cm

Height options:

90 - 120 - 150 - 180

Fixation in deck or concrete



BAS PANEL ANGULAR XL

376 x 376 cm

Height options:

90 - 120 - 150 - 180

Fixation in deck or concrete







BAS PANEL GC2 Enclosure

190 x 130 cm

Height options:

90 - 120 - 150 - 180

Fixation in deck or concrete



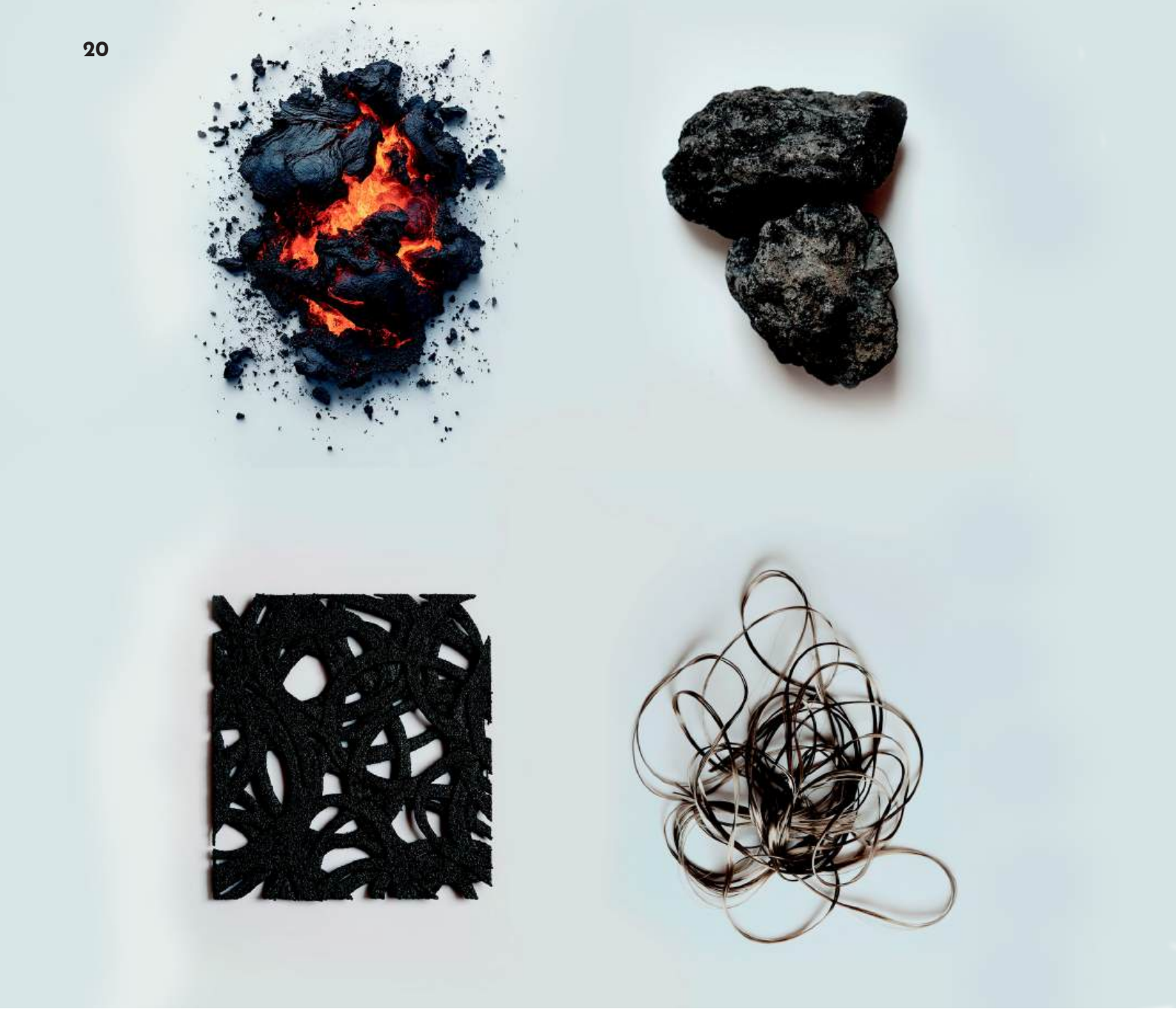
BAS PANEL GC3 Enclosure

256 x 130 cm

Height options:

90 - 120 - 150 - 180

Fixation in deck or concrete



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