BAS BOARDS

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.

The BAS Board represents a breakthrough technology within the industry. BAS Construx is able to deliver boards in lengths of up to 12 meters in one single piece, offering unmatched design flexibility and architectural possibilities. Thanks to its unique thermal properties, the BAS Board maintains outstanding straightness and shows no noticeable thermal movement. Its intelligent design also provides exceptional heat absorption, while the open structure allows natural cooling from underneath—ensuring optimal surface performance even in demanding climates.

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

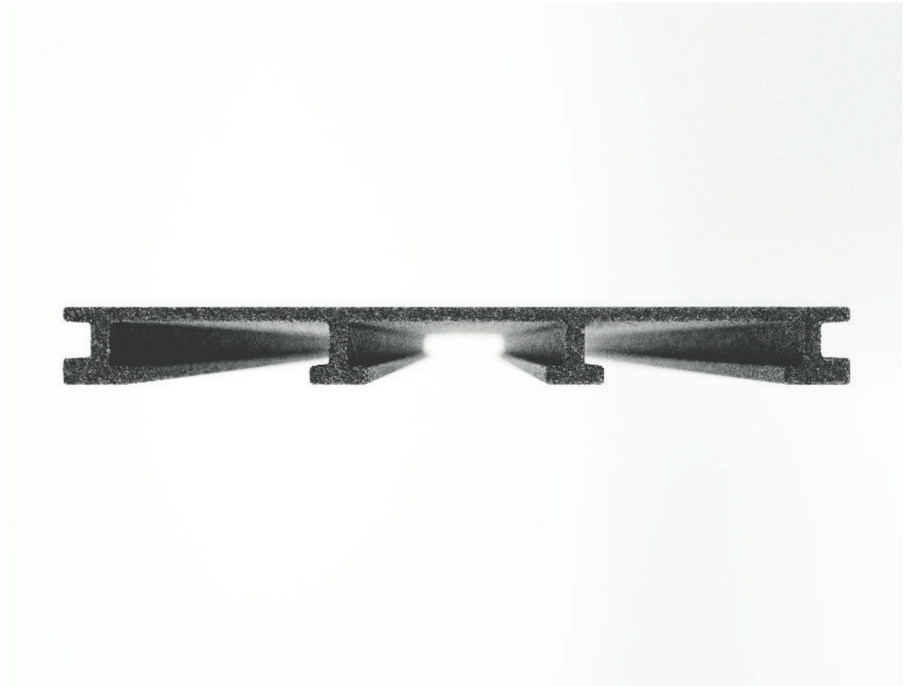


BAS BOARDS

When durability, sustainability, and design matter, BAS Board Decking from Unknown Nordic delivers an unmatched combination of performance and aesthetics. Engineered using advanced materials and refined manufacturing, BAS Board is an ideal choice for those seeking long-lasting, low-maintenance decking solutions — especially in coastal environments or poolside applications.

At the core of BAS Board Decking lies its revolutionary material composition: basalt fibers impregnated with bio resin. Basalt, a naturally occurring volcanic rock, is known for its exceptional mechanical strength and resistance to environmental stress. Combined with a bio-based resin, this decking profile offers superior performance without compromising sustainability.

Whether you're designing a luxury terrace, a waterside boardwalk, or a tranquil pool area, BAS Board Decking by Unknown Nordic delivers form and function in one elegant, enduring solution.





BAS Boards colors



PROPERTIES

NO MAINTENANCE

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

UV RESISTANT

The BAS Boards are resistant to UV radiation and does not loose its structure and strength when being exposed to high amounts of UV.

EASY INSTALLATION

BAS Boards can be manufactured in lengths up to 12 meters and can in most cases be mounted in full lengths using the BAS Construx Clip system. Standard lengths is 6 meters..



ANTI SLIP/ SKID

BAS Boards have Class II as standard. For special environemnts Class III can be delived on request.

RESISTANT TO THERMAL VARIETIES

Due to the structure of the BAS Boards they have no moisture, humidity or water intake and will therefore have the utmost minimal thermal varieties.

LCA & EPD

BAS boards have both LCA and EPD certification for use in projects where these certificates are required.

CHLORINE & SALT RESISTANT

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

HEAT ABSORBING

The design of the BAS Boards, where the open structure allows cooling from underneath, ensures that the BAS Boards have the optimal heat absorbing properties.

PRODUCT DATA

PRODUCTS
BAS Boards DECK by Unknown Nordic is a high-performance decking profile engineered from basalt fibers impregnated with bio resin, offering exceptional structural strength and sustainability. Finished with an extremely durable BAS FLEX coating, it delivers superior resistance to weather, salt, chlorine and chemicals. The result is a maintenance-free, anti-slip surface that remains cool underfoot — ideal for all modern outdoor applications.

MATERIAL
Lava basalt is a unique material formed from volcanic lava that solidified over millionsof years. The slow cooling process creates a dense rock that can be processed into fibersthrough 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.

- Resistance to Corrosive and Chemical Attacks: The basalt structure provides excellent protection against corrosion and chemicals, ensuring long-term durability.
- Lightweight and Strong: The composite profile of basalt and bio-resin ensures a low weight-to-density ratio while maintaining high tensile strength.
- Low Thermal Expansion: Offers stability across a wide range of temperatures.
- UV-Resistant: Maintains structural integrity even under prolonged exposure to sunlight.
- Heat absorbing
- Standard length is 6 meters. But up to 12 meters is possible on request.

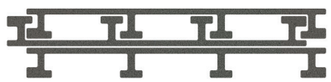


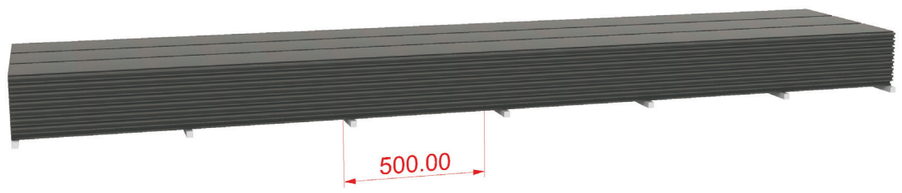
TECHNICAL SPECIFICATIONS

Materials	basalt fibers, bio resin, BAS Flexcoat
Weight	15 kg/ m2
Payload	300 kg/ m2
Dimensions	W:200 x H:20 x L:0-6000 mm
Distance supports C-C	600 mm
Storage time	Unlimited
Fire Classification	E
Thermal expansion	5,4(x10-6/degree celsius)
Warranty*	25 years (*UN warranty conditions)

STORING AND HANDLING

1. Store the BAS Boards on a level ground. The BAS Boards must be supported for every 500 mm.
2. When picking up the BAS Boards do not drag them. Always lift them straight up.
3. The BAS Boards are always packed top to top on the pallet. Keep them stored the same way.





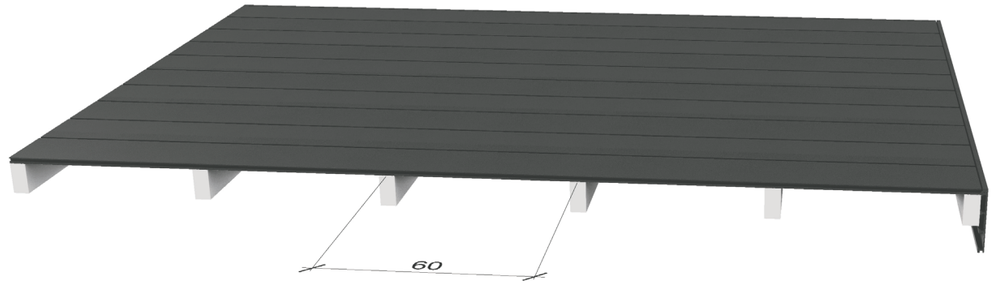




INSTALLATION GUIDE

SUBSTRUCTURE/

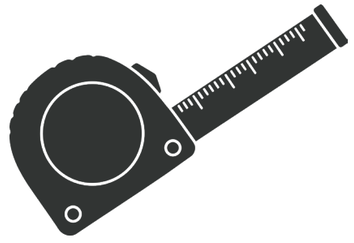
- Install a stable support frame.
- Joist/ support spacing must be maximum C-C 60 cm.
- Ensure the structure is level and well drained.
- For proper ventilation there must be an air gap of 20 mm underneath.
- The Substructure must be fixed with cossorion-resistant fasteners.



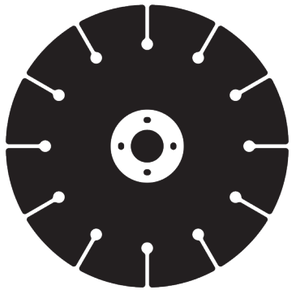
TOOLS AND HELPING AIDS/



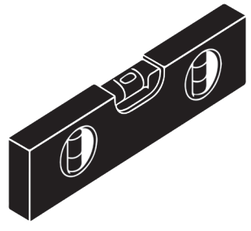
Screwdriver



Measuring tape



For Stone or Carbon



Bubble leveler



Montage extra glue

INSTALLATION GUIDE

BAS Board fasteners and finishing profile.



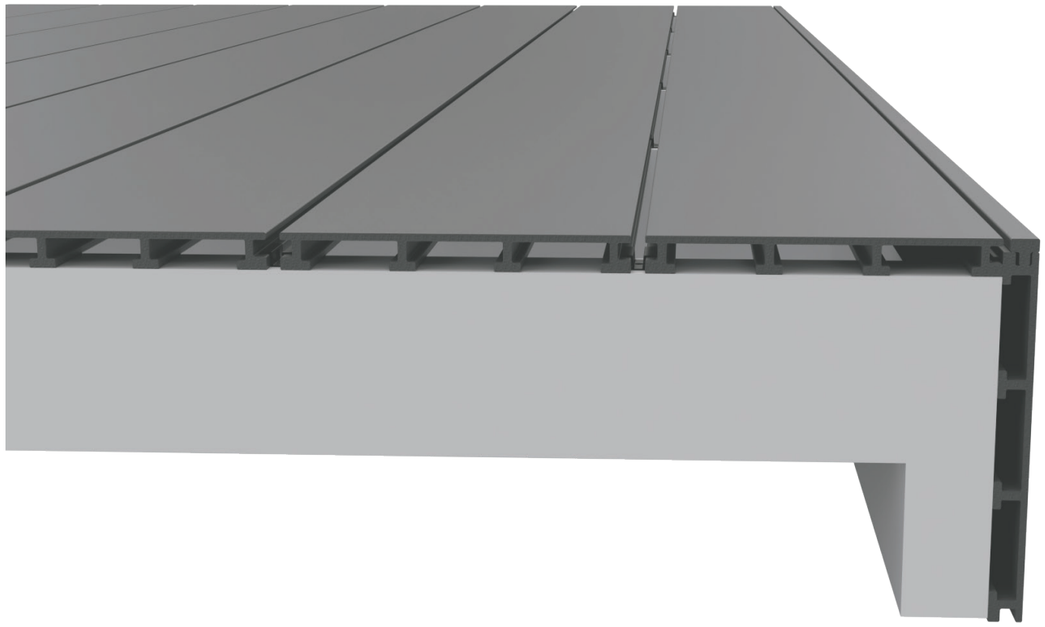
BAS Board clip



BAS Boards S Clip



BAS Board T-profile



BAS Boards installed with Clips on frame with T-profile finish

INSTALLATION GUIDE - STEP BY STEP

1. Layout planning

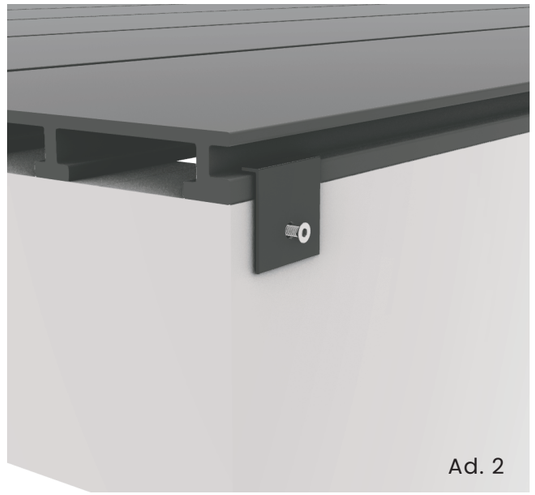
Measure and plan the orientation of the boards.

Allow for 3-5 mm gap at the boards ends and edges.

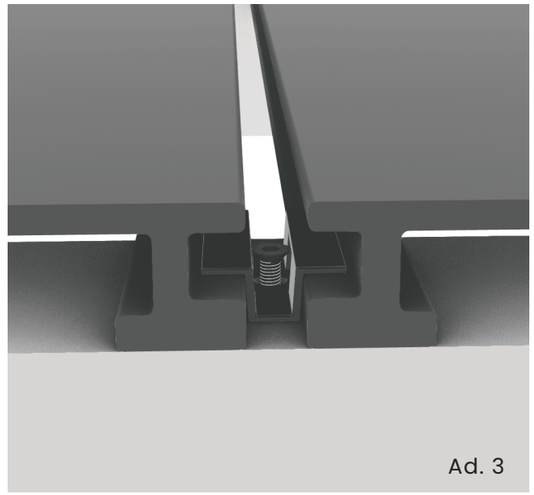
2. First board installation

Position the first board at the desired starting point.

Use S Clip to anchor the board securely.



Ad. 2



Ad. 3

3. Mounting with Clips

Place the BAS Boards Clip into the side groove of the board.

Secure the clips with the delivered stainless steel screws.

Make sure not to overtighten.

4. Continue installation

Slide the next board into the clips and press down gently.

Continue fastening each board in sequence using clips.

Fasten all screws once the last board has been fixated.

INSTALLATION GUIDE - STEP BY STEP

5. Corners and edges

Mount the T-profile around the edges and corners.

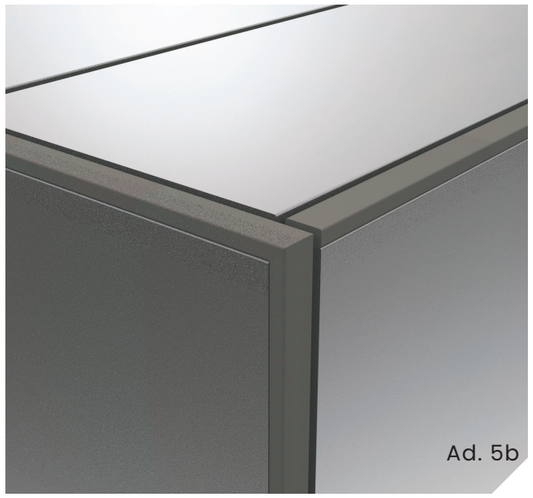
The T-profile has one-end pre cut in 45 degrees angle.

Make the corner by mounting to 45 degrees angles together.

Use "Montage extra" to install the T-profile.



Ad. 5a



Ad. 5b

6. Maintenance

BAS Boards require no sealing, oiling or similar.

Clean with water and/ or high pressure washer(keep nozzle 30 away)

Ideal for long time exposure to salt, chlorine, sun and rain.

Disclaimer

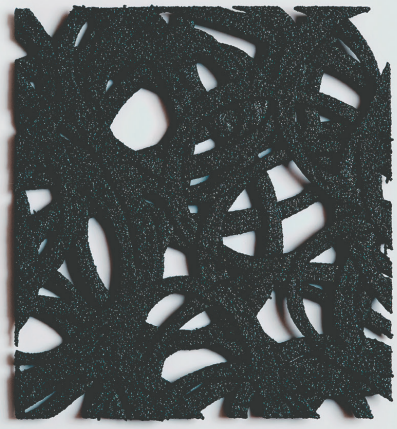
Unknown Nordic's instructions are continuously improved, and Unknown Nordic reserves the right to change the installation instructions at any given time and without notice. It is the user's own responsibility to ensure that the guide is the latest available version at www.unknownnordic.com. Colors and texture may vary depending on light and weather conditions. For this reason, as well as due to limitations in printed reproductions, colors in this brochure may vary compared to the physically delivered product.













BAS
Construx
Danish Basalt Technology

BAS CONSTRUX

Industrivej 5

DK-5580 Nr. aaby

+45 28 96 28 37

mail@unknownnordic.com

www.basconstrux.com