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.

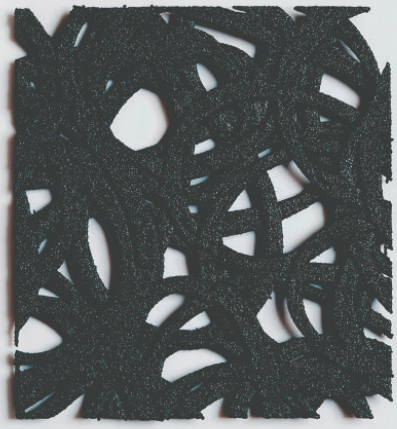


TECHNICAL SPECIFICATIONS

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)









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