

BOTAMENT® BP

Building Board

The BOTAMENT® BP Building Board is a lightweight, versatile board with a core of polystyrene rigid foam, both-sided coated with mortar for the application in interior areas.
The BOTAMENT® BP Building Board can be fixed onto nearly every stable substrate.

Properties

- ❖ Rapid processing
- ❖ Easy, variable cut
- ❖ Stable and water-repellent
- ❖ Flexible designing
- ❖ Heat insulating effect
- ❖ No primer needed before tiling

Application areas

- ❖ carrier for tiling and spittle (rendering) techniques in dry as well as in wet areas like bathrooms or wellness centers
- ❖ levelling of uneven walls and floors of new and old buildings
- ❖ construction of separating walls on stud framing
- ❖ individual designing of washbasin substructures and front-wall constructions
- ❖ made-to-measure panels for bathtubs and piping

Substrate preparation

The substrate must be in the following condition:

- ❖ dry and clean
- ❖ stable
- ❖ free from grease, sinter layers, separating agents and loose particles

Please also note:

- ❖ absorbent substrates must be primed with BOTAMENT® D 11
- ❖ non-absorbent substrates, wooden substrates and old tiling must be primed with BOTAMENT® D 15

Technical data

material basis	polystyrene rigid foam (FCKW-free), both-sided coated with special mortar and reinforced with glass fiber fabric
storage	horizontal, dry, without direct solar radiation
technical data polystyrene rigid foam	
nominal value of heat conductivity at 10 °C according to EN 12667	0.029 W/mK
elastic modulus according to EN 826	10.000- 17.000 kPa
compressive strength at 10 % compression according to EN 826	300 kPa
tensile strength according to EN 1607	300 kPa
water vapour diffusion resistance number according to EN 12086	80- 250 kPa
linear coefficient of expansion	0.07 mm/mK
application temperature	- 50 °C to + 70 °C
reaction to fire/ building material class according to EN 13501-1	E

Packaging

Building Board

thickness (mm)	palette 120 x 60 cm		palette 260 x 60 cm		mini-palette 260 x 60 cm	
	piece/pal.	m ² /pal.	piece/pal.	m ² /pal.	piece/pal.	m ² /pal.
4	60	43				
4	120	86				
6	65	47				
10	80	58	50	78	25	39
20			50	78	25	39
30			36	56	18	28
40			36	56	18	28
50			26	40	13	20

BOTAMENT® Dowels (80 mm): 250 pieces/box

Pipe cladding

dimension	piece/palette
150 x 150 mm	64
200 x 200 mm	40
200 x 400 mm	40
300 x 300 mm	40

BOTAMENT® Pipe cladding anchor (20 mm): 100 pieces/box

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Application

To cut BOTAMENT[®] BP Building Boards a keyhole saw, a tenon saw or a knife can be used.

mounting location	Onto walls made of mineral building materials (brickwork, concrete, plaster)			Onto stud framing made of wood or metal	Onto floors made of mineral building materials (concrete, screed)	Onto wooden floors
substrate condition	plane, stable	plane, limited stable	uneven, stable	<u>centre distance</u> wood: ≤ 60 cm metal: ≤ 62.5 cm	plane, stable (level uneven substrates with M 50 Classic/ M 51 Classic/ M 53 Extra)	plane, stable (level uneven substrates with M 53 Extra)
bonding/ fixing of the building boards	throughout bonding with BOTAMENT tile adhesive	throughout bonding with BOTAMENT tile adhesive + plugging (BOTAMENT Dowels, 5 pieces/m ²)	Dabbing form application (lumps) of the BOTAMENT tile adhesive onto the rear side of the board/ aligning of the board with a rubber mallet + plugging (BOTAMENT Dowels, 5 pieces/m ²)	horizontal application of the boards + fixing with timber screws/ metal screws and insulation washers (5 pieces/m ²)	throughout bonding (arrange staggered joints/ avoid hollow spaces) with BOTAMENT tile adhesive	throughout bonding (arrange staggered joints/ avoid hollow spaces) with BOTAMENT tile adhesive/ fixing with timber screws and insulation washers (5 pieces/m ²) after the hardening of the adhesive
remark		plug distance at the margin of the long sides of the boards ≤ 65 cm	prior to the application of the lumps mark the positions visibly through to the front side/ plugging is done after the hardening of the lumps	building board thickness at least 20 mm (at a centre distance of 30 cm at least 10 mm)	building board thickness at least 10 mm	building board thickness at least 10 mm/ screws must be fixed into the timber construction to at least 20 mm depth

Important tips

BOTAMENT[®] BP Building Boards with a thickness of 4 and 6 mm must be bonded onto the substrate throughout.

In case of laying BOTAMENT[®] BP Building Boards onto wooden substrates, the subsequent application of tiling should be conducted with tiles showing an edge length of at least 10 cm and a thickness of 7 mm.

To achieve optimal results we recommend conducting a site-specific test sample prior to using.

Important Notice: The information provided here is based on our experience and is given to the best of our knowledge, but is non-binding. All instructions must be adapted to suit the individual building projects, the application purpose and the specific local conditions. Given these preconditions we shall be liable for the accuracy of the information given as outlined in our sales and delivery terms and conditions. Recommendations by our employees that deviate from this information are only binding for us if they have been confirmed in writing. In any case, the generally accepted technical rules must be adhered to. Edition GB-1507. Further technical details can be found in our technical data sheets on our website: www.botament.com.
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