

# BOTAMENT® DF 9

## Sealing Membrane 1c

BOTAMENT® DF 9 is a crack-bridging composite sealant used under tiles in interior areas.

### Properties

- ❖ Highly elastic
- ❖ Open to vapour diffusion
- ❖ Solvent-free
- ❖ Can be rolled up and trowelled

### Application Areas

Sealing of

- ❖ concrete, lightweight concrete, and porous concrete
- ❖ joint full brickwork
- ❖ cement screeds and calcium sulphate screeds
- ❖ plasters of the mortar categories CS II, CS III and CS IV in accordance with EN 998 (compressive strength  $\geq 2.5$  N/mm<sup>2</sup>)
- ❖ BOTAMENT® BP building boards
- ❖ fibre cement boards
- ❖ gypsum plaster boards
- ❖ gypsum walls
- ❖ mastic asphalt screeds (IC 10)

### Substrate preparation

The substrate must be in the following condition:

- ❖ dry, clean and frost-free
- ❖ stable
- ❖ free from grease, paint, cement laitance, separating agents and loose particles

### Please also note:

- ❖ existing cracks must be closed professionally
- ❖ level irregular substrates
- ❖ on surfaces full of pores or blowholes a scratch coat (e.g. made of BOTAMENT® M 21 Classic or MULTISTAR®) has to be applied first
- ❖ absorbent substrates must be primed with BOTAMENT D 11
- ❖ apply a thin contact layer made of BOTAMENT® DF 9 on existing tile coverings

### technical data

material basis	plastic dispersion
colour	grey
packaging	<u>for rolling up</u> 5 kg 12 kg 21 kg  <u>for trowelling</u> 12 kg 21 kg
storage	cool and frost-free at least 12 months in its original sealed container
density	~ 1.45 kg/dm <sup>3</sup>
consumption (for manufacturing the necessary dry layer thickness of 0.5 mm)	~ 1.2 kg/ m <sup>2</sup>
time interval between individual layers	~ 4 hours
time interval between last layer application and fitting of tiles	~ 12 hours
application and substrate temperature	+ 8 °C to + 30 °C
<b>cleaning agent</b>	
when fresh	water
when fully cured	mechanical

All times stated refer to the standard atmosphere of + 23 °C and 50 % relative humidity.

Higher temperatures and lower humidity accelerate, while lower temperatures and higher humidity delay processing time and curing.

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### Application

- ❖ stir BOTAMENT<sup>®</sup> DF 9 thoroughly and apply it with a sheepskin roller or a trowel in at least two layers (the previous layer of BOTAMENT<sup>®</sup> DF 9 must have dried out completely)

The total dry layer thickness of the sealing must reach at least 0.5 mm (correlating with a wet layer thickness of 1.0 mm). The maximum dry layer thickness must not exceed 1 mm.

The subsequent tile fitting can be performed using BOTAMENT<sup>®</sup> M 21 Classic, MULTISTAR<sup>®</sup> or BOTAMENT<sup>®</sup> M 12 Stone.

Joints, internal and external corners as well as penetrations are covered by including BOTAMENT<sup>®</sup> SB 78 System Sealing Tape and accessories in the first layer of the sealant material and worked over with the second layer.

### Important tips

During the hardening process BOTAMENT<sup>®</sup> DF 9 has to be protected from moisture, draughts, solar radiation as well as from as from strong temperature fluctuations. While curing the relative humidity must not exceed 80 %.

BOTAMENT<sup>®</sup> DF 9 must not be exposed to mechanical loads.

Avoid moisture on the rear-side. BOTAMENT<sup>®</sup> DF 9 is not suitable for the use in areas being wet permanently and for sealings against negative water pressure.

You can view or download the safety datasheet at [www.botament.com](http://www.botament.com).

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-1406. Further technical details can be found in our technical data sheets on our website: [www.botament.com](http://www.botament.com).  
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