

Single Component Waterproofing

Areas of Application:

BOTAMENT® DF 9 Plus is a seam- and jointless waterproofing compound generally for wet rooms which shall receive tile finish. It is suitable for bathrooms, showers, toilets, laundries, kitchens, etc.

BOTAMENT® DF 9 Plus is not suitable for areas with permanent underwater stress like swimming pools, balconies or terraces. For this particular use, we recommend the Special Purpose Waterproofing BOTAMENT® MD 28.

Properties:

BOTAMENT® DF 9 Plus is a single-component, ready-to-use, crack-bridging waterproofing compound. It meets the requirements of stress class A1 in accordance to German DIBt as well as for classes 0, A01 and A02 in line with the German ZDB (Building Authorities). BOTAMENT® DF 9 Plus attains excellent adhesion strengths onto mineral substrates as well in combination with the tile adhesive BOTAMENT® M 21 Premium.

Suitable Substrates:

BOTAMENT® DF 9 Plus adheres to almost all kinds of mineral substrates such as concrete, screeds, render, brickwork, plaster boards, light-weight blocks, etc. Wood and timber-based substrates are not suitable.

Substrate requirement:

The substrate must be clean, solid, stable, free of any loose particles like dust and free of grease, oil, paint, cement lime, tar, bitumen or release agent which might affect the adhesion. Crack-lines need to be filled with epoxy BOTACEM® A 60.

Porous and cavity-rich substrates require a scratch / filling-coat for levelling purpose with BOTAMENT® M 21 Premium prior to application of waterproofing. Generally the substrate should be levelled and smoothed for easy application.

Substrate Preparation:

For all absorbent substrates (cement render, screed, brickwork, etc.) the usage of primer BOTAMENT® D 11 is mandatory to achieve best adhesion. The primer reduces the absorbency, reinforces the substrate and optimizes adhesion.

Application

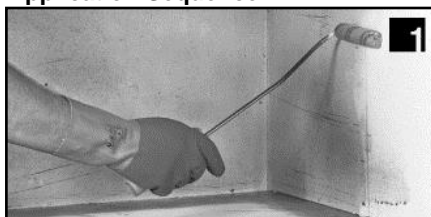
Open the bucket and stir the material properly. Do not add any other material into BOTAMENT® DF 9 Plus. BOTAMENT® DF 9 Plus is ready to use and can be applied directly from the bucket by using a roller or brush.

BOTAMENT® DF 9 Plus is applied crosswise in two layers. Each layer should have a minimum thickness of 0.5 mm. The maximum thickness for each layer is 1 mm.

Joints, corners and down-pipes have to be reinforced by using the joint tape BOTAMENT® SB 78 which is embedded into the first layer while still wet. The second layer of BOTAMENT® DF 9 Plus shall cover the joint tape as well.

Once the bucket has been opened the material is reusable multiple times with bucket closed properly after use.

Application Sequence:



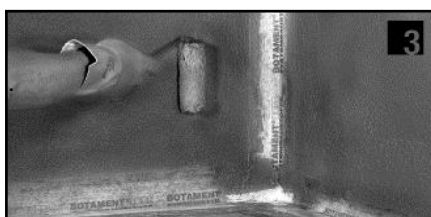
Priming The Substrate

Use a brush or roller to apply primer BOTAMENT® D 11 to all absorbent mineral substrates. Primer must be dried completely before applying the waterproofing.



Apply Joint Tape In Corners

Use joint tape BOTAMENT® SB 78 in corner areas or apply angle fillet to avoid sharp corner. The joint tape is embedded firmly into the first layer of BOTAMENT® DF 9 Plus while still fresh



Apply Waterproofing

Apply BOTAMENT® DF 9 Plus in two layers crosswise using a brush or roller.

BOTAMENT® DF 9 Plus

- ready-to-use, no mixing required
- for interior wet areas
- solvent-free
- easy application
- fast drying
- open to water vapour diffusion
- elastic
- re-usable with bucket closed properly after use

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DF 9 Plus

Material base:

Acrylic dispersion

Colour:

Grey

Solvents:

None

pH-Value:

10

Wet Density:

~ 1.45 kg/lit

Consumption:

~ 0.6 kg/m² per layer

~ 1.2 kg/m² for two layers

Dry layer thickness:

~ 0.5 mm with two layer application

Application conditions:

+8°C to +30°C, max. 80% r.h.

Drying time of first layer:

~ 4 hours

**Drying time of second layer
prior to fixing of tiles:**

~ 12 hours

Cleaning:

With water while material is still wet

Mechanical when material has dried.

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Drying time:

Depending on the temperature, humidity and ventilation on site the drying time of the first layer is approx. 4 hours. The second layer requires a drying period of at least 12 hours prior to tiling. After material has dried completely the tiles can be installed directly onto BOTAMENT® DF 9 Plus by using the flexible power adhesive BOTAMENT® M 21 Premium.

During drying, the material colour darkens.

The drying times are approximations and will be affected by ambient conditions. High temperature and low humidity quicken the drying process whereas low temperature and high humidity retard the drying process.

General Remarks:

Protect BOTAMENT® DF 9 Plus against moisture until the material is completely dry.

Avoid heavy mechanical stress that may damage the waterproofing.

BOTAMENT® DF 9 Plus is not suitable for areas with permanent underwater stress like swimming pools, balconies or terraces. For this particular use we recommend the Special Purpose waterproofing BOTAMENT® MD 28.

The datasheet of products used in conjunction with BOTAMENT® DF 9 Plus must be followed.

All technical data stated in this datasheet are based on test under laboratory conditions. Actually achieved data may vary due to ambient and site conditions.

The Material Safety Data Sheet is available on request.

Packaging:

5 kg plastic bucket

12 kg plastic bucket

Storage:

Keep cool and dry.

Shelf life is **9 months** if kept in original, unopened and undamaged sealed bucket.

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