

Wide Joint Grout

Areas of Application:

BOTAMENT® M 31 is used for grouting wide tile joints at interior and exterior floor and wall areas. BOTAMENT® M 31 is suitable for almost every kind of tiles made of ceramic, terracotta, Lampang, tiles, stoneware, klinker, etc. It is also suitable for grouting joints of many kinds of natural stones.

Properties:

BOTAMENT® M 31 is a high performance cementitious polymer-modified joint grout. It contains dry polymers in powder form which makes the usage of additional latex unnecessary. The special formulation with hydrophobic additives provides a high level of water repellency, reduces efflorescence and makes the joint grout less prone to dirt stains. Its constituents allow applications in tile joints of a width from 5 - 15 mm. For narrow tile joints use BOTAMENT® M 32 which is appropriate for widths up to 5 mm.

The product achieves a very consistent colour which upgrades the entire appearance of the installed tiles. BOTAMENT® M 31 is the ideal finishing point for terracotta as well as Lampang tiles as it perfectly matches the terracotta's and Lampang's colour and surface texture.

It is available in Grey and Ivory colour.

Suitable Substrates:

BOTAMENT® M 31 adheres to almost all kinds of mineral substrates such as concrete, screeds, render, brickwork, plaster boards, light-weight blocks, etc. which have received tile finishing.

Substrate requirement:

The substrate and tile joints must be clean, solid, stable, free of any loose particles like dust and free of grease, oil, paint, cement lime or other materials which might affect the adhesion. The tile adhesive must have sufficient strength and must be dry. The tile shoulders should be equally absorbent to avoid discolouration.

Substrate Preparation:

The tile joints must be cleaned from dust and any residue of tile adhesive. Absorbent materials should be pre-wetted prior to application but standing water is to avoid.

On very fine pored materials the joint grout can be trapped which discolours the tiles. We advise to do a mockup with sensitive materials and natural stones.

Mixing:

Mix BOTAMENT® M 31 with clean and fresh water only. For one 25 kg bag approx. 6.3 - 6.5 lit of water is required. Add gradually the powder to the water while mixing to achieve a lump-free mix. Use a slow speed drill mixer (400 – 500 rpm) and mix for a minimum of 3 minutes to produce a homogeneous consistency. After a maturity time of 3 minutes mix the material again for 1 minute to attain long workability. Material which is already setting must not be mixed again or diluted as this will affect the final properties.

Application:

The processing time is approx. 45 mins.

BOTAMENT® M 31 is applied with a rubber trowel or rubber squeegee by pressing the material firmly into the tile joints. Make sure the entire joints are filled completely. Immediately remove remaining material from the tile surface by using the same tool with a diagonal motion. Wait for a certain time until the material in the joints starts to set. Use the thumb to compress the joint grout. When BOTAMENT® M 31 started to harden and only little residue remains on the thumb start shaping the joint surface. Use a sponge and moisten it with very little water. In circular motions shape the joint by distributing the grout evenly over the entire surface.

Wait for a certain time until the material in the joints starts to set again. Use the thumb to compress the joint grout. Use a sponge and moisten it with very little water. Remove the grout residue in a diagonal motion. Clean the sponge regularly with clean water. After joint grout is hardened clean the remaining cement haze with a dry cloth or slightly moist sponge. The use of acidic cleaning agents should be avoided as this can harm the joint grout.

Wetting the material with clean water the days following the application supports the hydration process and will result into higher strength.

Avoid application under direct sunlight and strong wind.

BOTAMENT® M 31

- joint width 5 - 15 mm
- no additional latex additive required
- polymer-modified
- water repellent
- reduces efflorescence
- ideal finishing point for terracotta
- excellent adhesion
- excellent workability
- for interior and exterior use
- for almost every kind of tiles

BOTAMENT® 
SYSTEMBAUSTOFFE

MC Bauchemie (Malaysia) Sdn Bhd
Lot S113, 2nd Floor, Centrepoint, No.3, Lebuh Bandar Utama,
Bandar Utama, 47800 Petaling Jaya, Selangor, Malaysia.
Phone: +603 7728 1233
Fax: +603 7728 6833
enquiry@mc-bauchemie.com.my

BOTAMENT®

M 31

Material base:

Cementitious composite with mineral aggregates and dry powder dispersants

Colour:

Grey, Ivory

Low chromate content:

Yes

pH-Value:

11

Joint width:

5 - 15 mm

Mixing ratio:

25 kg BOTAMENT® M 31 : ~ 6.3 - 6.5 litres of water

Wet Density:

~1.6 kg/lit

Processing time:

~ 45 min at 25°C

Foot-trafficable after:

12 hours

Full load after:

4 days

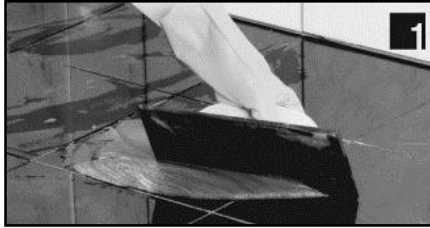
Application conditions:

+8°C to +30°C, max. 80% r.h.

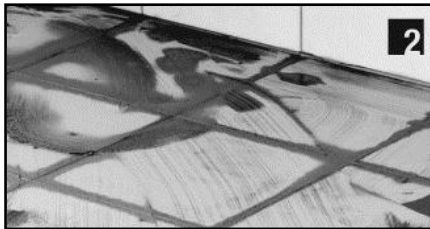
Cleaning:

With water while material is still wet, BOTAMENT® SR 100 when material has dried

Wide Joint Grout

Application Sequence:

Apply the grout with rubber trowel



Allow the grout to cure



Wash the surface using sponge

Setting time:

BOTAMENT® M 31 can be walked on after approx. 12 hours and fully loaded after approx. 4 days.

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

General Remarks:

We advise to do a mockup with sensitive tile material and stones.

Protect BOTAMENT® M 31 against moisture until the material is completely dry.

Avoid heavy mechanical stress during curing as this will affect the final properties and can cause cracks.

The datasheet of products used in conjunction with BOTAMENT® M 31 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.

Consumption:

The consumption varies with the type of tiles used as well as the particular joint width at application.

Approximation (no wastage included):

Tile 200 x 200 x 8 mm
5 mm joint width: ~ 0.7 kg/m²

Tile 300 x 300 x 8 mm
8 mm joint width: ~ 0.7 kg/m²

Tile 450 x 450 x 12 mm
10 mm joint width: ~ 0.9 kg/m²

Tile 600 x 600 x 12 mm
6 mm joint width: ~ 0.4 kg/m²

Packaging:

25 kg bag

Storage:

Keep cool and dry.

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

BOTAMENT® 
SYSTEMBAUSTOFFE

MC Bauchemie (Malaysia) Sdn Bhd
Lot S113, 2nd Floor, Centrepoint, No.3, Lebuhraya Bandar Utama,
Bandar Utama, 47800 Petaling Jaya, Selangor, Malaysia.
Phone: +603 7728 1233
Fax: +603 7728 6833
enquiry@mc-bauchemie.com.my

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 MY-0515.** This edition will become invalid when a new version is published.