

# BOTAMENT® M 29 HP

## Premium Flexible Floor Adhesive C2 E S1



BOTAMENT® M 29 HP is a flexible pourable bed adhesive for the fast and efficient fitting of almost all ceramic floor coverings in interior and exterior areas.

### Properties

- ❖ Maximum productiveness
- ❖ Highly flexible
- ❖ For heated areas, balconies and terraces
- ❖ For tilings almost free of hollow spaces
- ❖ Extremely smooth application
- ❖ Particularly well suited for large formats
- ❖ Rain-proof after ~ 6 to 8 hours

### Application Areas

Bonding of

- ❖ vitreous stoneware and porcelain
- ❖ split tiles
- ❖ floor clinker slabs, clinker tiles and cotto

BOTAMENT® M 29 HP has been developed especially for construction projects with the highest requirements concerning the floor covering.

### Suitable substrates

- ❖ concrete
- ❖ old tiling
- ❖ cement screeds and calcium sulphate screeds
- ❖ sanded mastic asphalt screeds (IC 10)

Application on mastic asphalt screeds is only permissible in interior areas.

### Technical data

material basis	cement combination with mineral fillers and additives
packaging	25 kg bag
storage	cool and dry at least 12 months in its original sealed container
density	~ 1.7 kg/ dm <sup>3</sup>
temperature resistance	- 15 °C up to + 70 °C
optimal water-solid ratio	~ 30 %
mixing ratio	~ 7.5 l of water / 25 kg
maturing time	5 minutes
open time	~ 30 minutes
working time	~ 1 hour
max. layer thickness	20 mm
walkable	after ~ 6 hours
ready to be grouted	after ~ 6 hours
fully loadable	after ~ 24 hours
<b>consumption</b>	
10 mm notched trowel	~ 3.2 kg/m <sup>2</sup>
medium-bed trowel	~ 4.8 kg/m <sup>2</sup>
application and substrate temperature	+ 5 °C to + 30 °C
<b>cleaning agent</b>	
when fresh	water
when fully cured	cement laitance remover

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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### Substrate preparation

The substrate must be in the following condition:

- ❖ dry, clean and frost-free
- ❖ stable
- ❖ free from grease, paint, cement laitance, separating agents, sinter layers and loose particles
- ❖ in true alignment and perpendicular

#### Please also note:

- ❖ unevenness of floor surfaces are to be levelled with BOTACEM<sup>®</sup> M 90 levelling filler or M 100 levelling mortar
- ❖ carry out large surface floor levelling with levelling compounds BOTACEM<sup>®</sup> M 50, M 51, M 52 Duoplan or M 53 Extra
- ❖ absorbent substrates must be primed with BOTAMENT D 11
- ❖ perform a Concrete Moisture Test to check the residual moisture in cement and calcium sulphate screeds

maximum permissible residual moisture		
substrate	unheated	heated
cement screed	2.0 %	2.0 %
calcium sulphate screed	0.5 %	0.3 %

- ❖ minimum age of concrete substrates: 3 months
- ❖ maximum layer thickness of BOTAMENT<sup>®</sup> M 29 HP on sanded mastic asphalt screeds: 5 mm

If the substrate is made of non-absorbent material or is made of old tiling it must either be primed with BOTAMENT<sup>®</sup> D 15 (only to be used in interior areas) or must receive a scratch coat of BOTAMENT<sup>®</sup> M 29 HP 24 hours prior to tile fitting.

### Application

- ❖ mix up using cold, clean water while stirring with a slow rotating agitator until a homogenous, stiff and paste-like mass has formed
- ❖ briefly stir again after the maturing time
- ❖ BOTAMENT<sup>®</sup> M 29 HP is poured from the bucket onto the substrate
- ❖ first apply a thin contact layer of BOTAMENT<sup>®</sup> M 29 HP using the smooth side of the notched trowel onto the substrate
- ❖ then apply BOTAMENT<sup>®</sup> M 29 HP onto the fresh contact layer with the notched side of the trowel (10 mm notched trowel minimum)
- ❖ press tiles using light pressure and a side-to-side movement into the adhesive bed and position

### Important Tips

When installing ceramic coverings all existing standards and guidelines in their current versions must be observed.

In case of tiling on fresh cement screeds please contact our technical department first of all.

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.

If the substrate is made of gypsum-containing material, the respective manufacturer's guidelines must be observed.

BOTAMENT<sup>®</sup> M 29 HP must not be mixed with additives.

**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-1307. 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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