

BOTAMENT® M 10 Speed

Flexible Rapid Adhesive C2 TE



BOTAMENT® M 10 Speed is a flexible thin-bed and pourable bed adhesive for tilings which has to be jointed and loaded extremely fast.
The product is suitable for the fitting of almost all ceramic wall and floor coverings in interior and exterior areas.

Properties

- ❖ Ready to be jointed and walked on after ~ 90 minutes
- ❖ Can be used in low temperatures
- ❖ For heated areas
- ❖ Flexible
- ❖ certificated as a system in connection with the BOTAMENT® Sealing and Decoupling Membrane

Application Areas

Bonding of

- ❖ vitreous stoneware and porcelain
- ❖ non-vitreous stoneware
- ❖ split tiles
- ❖ floor clinker slabs and clinker tiles
- ❖ small and medium-sized mosaics
- ❖ concrete slabs
- ❖ natural stone slabs that are not susceptible to discolouration
- ❖ insulation and lightweight building boards

Very smooth boards (e.g. rigid foam slabs) must be roughened up prior to bonding.

Suitable substrates

- ❖ concrete, lightweight concrete, and porous concrete
- ❖ joint full brickwork
- ❖ plasters of the mortar categories CS II, CS III and CS IV in accordance with DIN EN 998 and gypsum plaster in accordance with DIN EN 13279 (compressive strength $\geq 2.5 \text{ N/mm}^2$)
- ❖ BOTAMENT® building boards
- ❖ old tiling
- ❖ gypsum walls, gypsum plaster boards and gypsum fibreboards
- ❖ cement screeds and calcium sulphate screeds
- ❖ sanded mastic asphalt screeds (IC 10)

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

Technical data

material basis	cement combination with mineral fillers and additives
packaging	5 kg bag 25 kg bag
storage	cool and dry at least 9 months in its original sealed container
density	~ 1.6 kg/ dm ³
temperature resistance	- 20 °C up to + 80 °C
optimal water-solid ratio	~ 26 % thin-bed ~ 30 % pourable bed
mixing ratio	thin-bed ~ 6.5 l of water / 25 kg pourable bed ~ 7.5l of water / 25 kg
maturing time	2 minutes
open time	~ 15 minutes
working time	~ 20 minutes
max. layer thickness	5 mm
walkable	after ~ 90 minutes
ready to be grouted	after ~ 90 minutes
fully loadable	after ~ 12 hours
consumption	
6 mm notched trowel	~ 2.3 kg/m ²
8 mm notched trowel	~ 2.8 kg/m ²
10 mm notched trowel	~ 3.6 kg/m ²
application and substrate temperature	+ 3 °C to + 20 °C
cleaning agent	
when fresh	water
when fully cured	cement laitance remover

All times stated refer to an air temperature of + 20 °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 wall and floor surfaces are to be levelled with BOTACEM® M 90 levelling filler or M 100 levelling mortar
- ❖ carry out large surface floor levelling with levelling compounds BOTACEM® M 50, M 51, M 52 Duoplan or M 53 Extra
- ❖ absorbent substrates must be primed with BOTAMENT D 11
- ❖ where the substrate is gypsum → minimum layer: 10 mm surface condition: rough, not felted or smoothed
- ❖ perform a Concrete Moisture Test to check the residual moisture in cement and calcium sulphate screeds and for plasters

maximum permissible residual moisture		
substrate	unheated	heated
cement screed	2.0 %	2.0 %
calcium sulphate screed	0.5 %	0.3 %
plaster	1.0 %	

If the substrate is made from non-absorbent material or is made of old tiles, it must first be primed either using BOTAMENT® D 15 (only to be used in interior areas) or must receive a scratch coat 24 hours prior to installation using BOTAMENT® M 10 Speed, the mixing water of which must be made up to 1/3 of BOTAMENT® D 10 bonding emulsion. Concrete substrates must be at least 6 months old. An earlier installation from an age of just 3 months is possible if the mixing water of BOTAMENT® M 10 Speed is made up to 1/3 of BOTAMENT® D 10 bonding emulsion. When laying onto sanded mastic asphalt screeds the mixing water must be enhanced in the same way, using BOTAMENT® D 10.

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
- ❖ first apply a thin contact layer of BOTAMENT® M 10 Speed using the smooth side of the notched trowel onto the substrate
- ❖ then apply BOTAMENT® M 10 Speed onto the fresh contact layer with the notched side of the trowel
- ❖ 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.

You can view or download the safety datasheet at www.botament.com.

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

During the setting process BOTAMENT® M 10 Speed has to be protected against frost.

When fitting larger tiles (especially in connection with heated constructions) and for works in exterior areas, we recommend the use of BOTAMENT® M 10 Speed in the combined method or the use of a pourable bed adhesive from our product range.

When bonding insulation boards the current regulations must be observed.

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

BOTAMENT® M 10 Speed is certificated as a system in connection with the BOTAMENT® AE Sealing and Decoupling Membrane.

BOTAMENT® M 10 Speed must only be mixed with the additives mentioned in this data sheet.

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-1304. Further technical details can be found in our technical data sheets on our website: www.botament.com.
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