

BOTAMENT® BTK 200 TERRACHAMP

Balcony and Terrace Adhesive 2c R2

BOTAMENT® BTK 200 TERRACHAMP is a diffusion-open reaction resin adhesive mortar for floor coverings on balconies and terraces.

BOTAMENT® BTK 200 TERRACHAMP must exclusively be used together with BOTAMENT® BTF 200 TERRACHAMP Balcony and Terrace Joint Mortar as a system.

Properties

- ❖ Highly vapour-diffusion-open system
- ❖ Flexibility newly defined and greatly exceeding the requirements of DIN EN 12002
- ❖ High resistance against freeze-thaw cycles
- ❖ Unique application characteristics
- ❖ Installation without need for the combined method
- ❖ For almost all ceramic tiles and natural stones slabs not prone to discolouration
- ❖ Highest adhesive tensile and bending tensile strengths
- ❖ High protection against efflorescence by HYDRO O2 Flex-Technology

Application Areas

Bonding of

- ❖ vitreous stoneware and porcelain
- ❖ split tiles
- ❖ floor clinker slabs and clinker tiles
- ❖ hand-made tiles
- ❖ many natural stone types

Suitable substrates

- ❖ standard drainage mats and membranes for tile and floor coverings
- ❖ BOTAMENT® BTD 200 TERRACHAMP Drainage Mortar

Substrate preparation

The substrate must be in the following condition:

- ❖ dry to slightly damp and clean
- ❖ stable
- ❖ free from separating agents and loose particles
- ❖ in true alignment and perpendicular or with a gradient of at least 1.5%

Technical data

material basis	2-component reaction resin system
colour	grey
packaging	10 kg unit 8.8 kg component (A) 1.2 kg component (B)
storage	frost-free, cool and dry at least 9 months in its original sealed container
density	~ 1.62 kg/ dm ³
temperature resistance	- 30° C bis + 70° C (dry heat)
mixing ratio	7.3 (A) : 1 (B)
maturing time	~ 15 minutes
open time	~ 30 minutes
walkable	after ~ 24 hours
loadable	after ~ 3 days
application and substrate temperature	+ 10 °C bis + 30 °C
cleaning agent	
when fresh	special cleaning tissue
when fully cured	thinner

All times stated refer to the standard atmosphere of + 23° C and 50 % relative humidity.
Higher temperatures accelerate, while lower temperatures delay processing time and curing.

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Application

- ❖ add B component to A component and mix both together with a slowly rotating mixer for at least 3 minutes
- ❖ to prevent mixing errors pour BOTAMENT[®] BTK 200 TERRACHAMP afterwards into a clean container (scratch the container clean) and mix again
- ❖ apply BOTAMENT[®] BTK 200 TERRACHAMP with a notched trowel (observe open time)
- ❖ Press tiles using light pressure and a side-to-side movement into the adhesive bed and position

The exact mixing ratio as stated by the manufacturer must be adhered to.

If non-calibrated material is laid using mortar lumps or mortar stripes, 1- 2 % of TX 19 set-up agent has to be added to BOTAMENT[®] BTK 200 TERRACHAMP for enhancing the stability.

Consumption

8 mm notched trowel	~ 4.0 kg/m ²
10 mm notched trowel	~ 5.0 kg/m ²

Important Tips

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

BOTAMENT[®] BTK 200 TERRACHAMP must be protected from rain while still fresh.

During application the ambient and substrate temperatures must be at least + 10 °C. Temperatures falling below this threshold limit but staying above freezing at night are uncritical once application is complete. If the minimum temperature goes below the limit enduring after the application the tiling has to be encased and heated directly after finishing work.

In contrast to standard tile fitting mortars for exterior areas BOTAMENT[®] BTK 200 TERRACHAMP must not be used in the buttering-floating method but is only applied to the substrate. This results in many small cavities being left behind in the adhesive bed which contribute to an optimal and rapid run-off of water.

So as to achieve optimal results, we recommend conducting a site-specific test sample prior to application.

People with sensitive skin may experience allergic skin reactions when processing reaction resin materials. To avoid any contact with the skin suitable protective clothing must be worn during application.

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

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.
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