

BOTAMENT® M 37

Rapid Repair Cement

BOTAMENT® M 37 is a one-component assembly mortar for rapid repairs in interior and exterior areas.

Properties

- ❖ Cures already after ~ 5 minutes
- ❖ Can be loaded quickly
- ❖ Stress-minimized setting
- ❖ Without corrosive parts and free from chloride

Application areas

- ❖ for assembly works
- ❖ partial repair and filling of defects and holes
- ❖ for setting of anchorings

Suitable substrates

- ❖ concrete, lightweight concrete and porous concrete
- ❖ brickwork
- ❖ cement and lime cement plasters of the mortar categories CS II, CS III and CS IV in accordance with EN 998 (compressive strength $\geq 2.5 \text{ N/mm}^2$)
- ❖ cement screeds

Substrate preparation

The substrate must be in the following condition:

- ❖ clean and frost-free
- ❖ stable
- ❖ free from grease, paint, cement laitance, separating agents and loose particles

Please also note:

- ❖ pre-wet dry and absorbent substrates (avoid standing moisture)
- ❖ smooth substrates must be roughened up first of all

Technical data

material basis	rapid cement combination with mineral fillers and additives
packaging	2 kg bag 13 kg bucket
storage	cool and dry at least 9 months in its original sealed container
density	~ 2.0 kg/ dm ³
temperature resistance	- 20 °C up to + 80 °C
mixing ratio	~ 0.6 l of water/ 2 kg or ~ 3.9 l of water/ 13 kg
working time	~ 5 minutes
max. layer thickness	100 mm
mechanical loadable	after ~ 20 minutes
consumption	~ 1.6 kg/ m ² / mm
application and substrate temperature	+ 5 °C to + 30 °C
compressive strength	after 1 hour: > 6 N/ mm ² after 2 hours: > 8 N/ mm ² after 4 hours: > 10 N/ mm ² after 28 days: > 15 N/ mm ²
bending tensile strength	after 28 days: > 3 N/ mm ²
cleaning agent	
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 accelerate, while lower temperatures delay processing time and curing.

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Application

- ❖ mix up using cold, clean water
- ❖ thereafter apply BOTAMENT[®] M 37 immediately using a suitable tool (trowel)
- ❖ don't mix material again that has started to set

Important tips

Non-ferrous metals must be protected from the contact with BOTAMENT[®] M 37 by using a suitable protective coating. BOTAMENT[®] M 37 is not suitable for the application on gypsum-containing substrates.

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.

BOTAMENT[®] M 37 must not be mixed with any additives or aggregates.

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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