

# BOTAMENT® Renovation GS 4

## Cement based smoothing filler

BOTAMENT® GS 4 is an easy to handle one-component, polymer modified fine filler for manufacturing smooth, even wall and ceiling surfaces in interior and exterior areas.

### Properties

- ❖ For manufacturing surfaces according to the quality standards Q1 up to Q 4
- ❖ Suitable for damp rooms
- ❖ Can be sanded
- ❖ Dimensionally stable
- ❖ Particularly low-shrink

### Application Areas

- ❖ filling and smoothing of wall and ceiling surfaces
- ❖ closing of joints in prefabricated concrete ceiling elements
- ❖ levelling of facades and window ledges
- ❖ renovation and refilling of defects, holes and slits
- ❖ filling and smoothing of butt joints in gypsum plaster boards, gypsum fibreboards and gypsum wallboards

### 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  $\geq 2.5 \text{ N/mm}^2$ )
- ❖ BOTAMENT® BP building boards
- ❖ gypsum plaster boards and gypsum fibreboards
- ❖ gypsum wallboards

### Substrate preparation

The substrate must be in the following condition:

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

#### Please also note:

- ❖ pre-wet cement based substrates and brickwork (avoid standing moisture)

### Technical data

material basis	cement combination with mineral fillers and additives
colour	white
packaging	20 kg bag 4 kg bag
storage	cool and dry at least 12 months in its original sealed container
density	~ 1.6 kg/ dm <sup>3</sup>
temperature resistance	- 20 °C up to + 80 °C
mixing ratio	~ 5.2- 6.0 l water/ 20 kg
working time	~ 30 minutes
layer thickness	0 bis 5 mm
can be loaded mechanically	after ~ 12 hours
ready to sand	after ~ 4 hours
consumption	~ 1.5 kg/ m <sup>2</sup> / mm
application and substrate temperature	+ 5 °C bis + 30 °C
interval between application and fitting of	
ceramic tiles	~ 4 hours
natural stones	when fully cured
<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.

# BOTAMENT<sup>®</sup> Renovation GS 4

## Cement based smoothing filler

### Application

- ❖ mix up using cold, clean water while stirring with a slow rotating agitator
- ❖ thereafter apply Renovation GS 4 immediately using a suitable tool (trowel)
- ❖ don't mix material again that has started to set

Please also mind our leaflet "repair of concrete elements - hints for processing" at [www.botament.com](http://www.botament.com).

### Important tips

If BOTAMENT<sup>®</sup> Renovation GS 4 is applied at high temperatures, direct sunlight or draught, the surface must be protected from drying out to soon by taking appropriate post-treatment measures.

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.

BOTAMENT<sup>®</sup> Renovation GS 4 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-1503. Further technical details can be found in our technical data sheets on our website: [www.botament.com](http://www.botament.com).  
MC Building Chemicals • Castleblayney • Co. Monaghan