

# MULTIFUGE<sup>®</sup> Fine

## Multi-purpose grout CG2 WA



Especially suitable for stoneware and vitreous stoneware

MULTIFUGE<sup>®</sup> Fine is a versatile applicable joint mortar especially suitable for premium-quality materials which are absorbent and slightly absorbent in both interior and exterior areas.  
The fine and smooth surface provides the perfect finish particularly in case of exclusive wall and floor zones.

### Properties

- ❖ For joint widths up to 7 mm
- ❖ Flexible - For heated areas
- ❖ Fine and smooth surface
- ❖ Water and dirt-repellent
- ❖ High flank adhesion in slim joints
- ❖ Excellently washable
- ❖ Improved resistance against cleaning agents used in households\*
- ❖ High protection against the forming of mould fungus
- ❖ For interior and exterior use

### Application Areas

Grouting of

- ❖ stoneware and vitreous stoneware
- ❖ ceramic and glass mosaic
- ❖ many natural stones
- ❖ porcelain stoneware

### Substrate preparation

In order to prevent discoloration the tile adhesive must be fully set and cured before grouting can commence. Any adhesive residue, separating agents or dirt must be removed from the joints. If needed pre-moisten absorbent coverings first; if coverings are highly absorbent repeat the process several times (but avoid standing moisture). Flexible joints must be sealed using BOTAMENT<sup>®</sup> S 5 SUPAX Sanitary Silicone or BOTAMENT<sup>®</sup> S 3 SUPAX Natural Stone Silicone.

\* The improved resistance against cleaning agents used in households refer to a comparison to the standard grout of BOTAMENT<sup>®</sup>.

### Technical data

material basis	cement combination with mineral fillers, real cement pigments and additives
colours	white (no. 10) pergamon (no. 11) silver grey (no. 16) manhattan (no. 23) grey (no. 24) titanium grey (no. 25) anthracite (no. 26) kakao (no. 38)
packaging	<u>4 kg- bag:</u> all colours  <u>15 kg- bag:</u> white, pergamon, silver grey, manhattan, grey
storage	cool and dry at least 9 months in its original sealed container
density	~ 1.8 kg/ dm <sup>3</sup>
temperature resistance	- 20 °C bis + 80 °C
mixing ratio	~ 30 % (4.5l/ 15kg or 1.2l/ 4kg)
maturing time	3 minutes
working time	~ 50 minutes
walkable	after ~ 3 hours
fully loadable	after ~ 7 days
application temperature	+ 5 °C bis + 30 °C
<b>cleaning agent</b>	
when fresh	water
when fully cured	cement laitance remover (in case of natural stones a cleaning test is essential)

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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### Application

- ❖ mix up using cold, clean water while stirring continuously with a slow rotating agitator until a homogeneous mass with an even colour has been achieved
- ❖ briefly stir again after the maturing time
- ❖ grout tile covering using a rubber trowel
- ❖ removing excess material diagonally across the joints
- ❖ before forming the joint check its strength by pressing (thumb test)
- ❖ clean the surface using a hydro sponge (change cleaning water frequently)
- ❖ remove mortar film once MULTIFUGE<sup>®</sup> Fine has cured with a damp sponge
- ❖ always mix up MULTIFUGE<sup>®</sup> Fine in the same consistency so as to avoid colour discrepancies

Slightly stiffening material could be remixed one-time into a paste-like consistency.

On unglazed tiles any cement laitance that may occur can be removed with a cement laitance remover. In this case the joints must be pre-wetted thoroughly first.

In the event of intensive heat, especially under direct sunlight and in case of strong wind or draughts, the freshly grouted joints must be protected from drying too quickly by taking appropriate protection measures. The curing process can also be aided by regularly moistening the joint mortar.

### Consumption

format (cm)	30 x 60
joint width (mm)	4
joint depth (mm)	8
	<b>0.34 kg/m<sup>2</sup></b>
format (cm)	60 x 60
joint width (mm)	4
joint depth (mm)	8
	<b>0.23 kg/m<sup>2</sup></b>
format (cm)	2 x 2 (mosaic)
joint width (mm)	3
joint depth (mm)	3
	<b>1.33 kg/m<sup>2</sup></b>

For the determination of further values please use our grout consumption calculator at [www.botament.com](http://www.botament.com).

### Important Tips

The following factors may result in colour discrepancies or discolorations of the joint material:

- ❖ increased substrate moisture
- ❖ strong differences in the absorbency of the substrate and of tile edges
- ❖ unwashed aggregates in the adhesive
- ❖ soiling of subsequent structural parts
- ❖ dirty mixing water or cleaning water
- ❖ excess water levels

Due to changes in raw material there may be colour fluctuations between batches. For this reason only material from one batch should be applied per project area.

The fresh jointing must not be powdered off or covered up. Rough tiles or slabs with open pores are more prone to collect residue, especially when using the darker colour variations.

There is also an inherent risk of colour staining when grouting natural stones, polished porcelain stoneware, polished synthetic resin-bonded tiles and treated cotto.

We therefore always recommend carrying out a trial grouting on site first.

Acidic cleaning agents may damage the joint material. Please contact our technical department if you have any questions as to cleaning and if the area is subject to attack from waters that are detrimental to cement.

You can view or download the safety datasheet at [www.botament.com](http://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-1403. 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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