

# Application Instructions

## Multifuge Diamond MAX



Botament

MIT VERTRAUEN

# Application Instructions

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- Ambient and substrate temperature must be + 10 °C or over
- Multifuge Diamond MAX is shown the best processing properties when applied at temperatures between 15 to 20 °C
- Wear protective clothing
- Pour all 3 components into one vessel and mix for 3 minutes using a slowly rotating mixer
- So as to avoid a poorly mixed substance, repot Multifuge Diamond MAX into a clean container (make sure to scrape out all mixture residue from the first one) and mix up for a second time
- Use a specialist jointing board for grouting the joints
- Run the joint mortar across the entire tiled area to fill the joints
- Use a hydro sponge in the first instance to wash the surface clean (for contoured tiles use a soft fleece sponge) and then clean thoroughly until tiles are clear
- We recommend using a couple of washing bowls (one for pre-wash and one for the final clear wash) to make things easier
- The water should be changed often to facilitate cleaning off the residue
- For ease of swapping sponges we recommend using sponge boards with Velcro backing
- Do not try and re-stir material that has started to set
- Should there still be a residual film on the tiles one day after grouting, this can be removed with diluted vinegar cleaner. At any later point in time, residual films can only be removed with special cleaning agents. Please always observe the information provided in the technical data sheet and the instructions provided by the manufacturer of the cleaning agent.

<b>Material basis</b>	3-component epoxy resin system
<b>Colours</b>	white (No. 10), Pergamon (No. 11), sand grey (No. 15), silver grey (No. 16), grey (No. 24), titanium grey (No. 25), charcoal grey (No. 26), cocoa (No. 38)
<b>Packaging</b>	3.5 kg unit: <i>boxed</i> : 0.64 kg of component (A) and 0.26 kg of component (B); <i>in a bucket</i> : 2.6 kg of coloured sand (C)
<b>Storage</b>	Components A+B: frost-free, cool and dry at least 12 months in the original sealed packaging.  Component C: frost-free, cool and dry at least 30 months in its original sealed container.
<b>Mixing ratio</b>	18.4 (A) : 7.3 (B) : 74.3 (C)
<b>Processing time</b>	approx. 80 minutes
<b>Walkable</b>	after approx. 14 hours
<b>Mechanically loadable</b>	after approx. 3 days
<b>Chemically loadable</b>	after approx. 7 days
<b>Processing and substrate temperature</b>	+ 10 °C to + 25 °C
<b>Properties</b>	<ul style="list-style-type: none"> <li>• For joint widths of 2 to 10 mm</li> <li>• High colour brilliance</li> <li>• Excellent application characteristics</li> <li>• Can simply be washed off with cold water</li> <li>• Long pot life</li> <li>• Extra smooth surface finish</li> <li>• Withstands heavy chemical and mechanical loading</li> </ul>
<b>Application areas</b>	<ul style="list-style-type: none"> <li>• Swimming pools, wellness areas, saunas &amp; showers</li> <li>• Top quality, sophisticated wall and floor covers</li> <li>• Floor-level showers</li> <li>• Industrial kitchens</li> <li>• Drinks industry</li> <li>• Food production industry</li> <li>• Chemical industry</li> <li>• Drive-through car wash &amp; truck wash facilities</li> </ul>
MULTIFUGE® DIAMOND MAX	
is suitable for use in a broad range of commercial, industrial and private application areas such as:	

## BOTAMENT Systembaustoffe GmbH

Killycard

Castlebayney

Co. Monaghan

Tel. +353 (42) 9 75 15 20

Fax +353 (42) 9 74 62 22

[www.botament.com](http://www.botament.com)