

## Technical data sheet

### Product description

<b>Operational Sector :</b>	Mipa Füllspachtel außen is a premium powdery filling compound for high-quality repair of pavements and driveways, concrete floors, stairs and masonry. For interior and exterior use. Mipa Füllspachtel außen is also suitable to fix ceramic tiles (interior use only).		
<b>Properties :</b>	<ul style="list-style-type: none"><li>- excellent adhesivity</li><li>- especially easy to apply</li><li>- high resistance</li><li>- permanent elastic and will not shrink or crack</li><li>- water-resistant</li></ul>		
<b>Content :</b>	cement, silica based filling, synthetic dispersion.		
<b>Colour :</b>	white		
<b>Specification :</b>	specific weight:	0,85 - 1,45 g/cm <sup>3</sup>	<b>DIN 51 757</b>
	pH-value:	11 - 13,5	<b>DIN 53 785</b>
	max. grain size:	750 µm	
<b>Storage :</b>	At least 1 year, if the tightly closed original packages are kept dry, protected against frost. Storage temperature: from +5°C to maximum +30°C.		

### Application

<b>Processing conditions :</b>	Do not apply at a substrate and ambient temperature below 5°C.
<b>Suitable substrates :</b>	Mineral substrates (concrete, cement, bricks, masonry and stone), plasters based on synthetic resin, silicate or silicone, scrub-resistant dispersion coatings and latex paint, acrylate and acrylic coatings and glass fabric wallcoverings.
<b>Substrate preparation :</b>	The substrate must be clean, dry and sound. Brush off all loose material. Wet beforehand strongly absorbing surfaces. In case of friable, weathered or coarsely porous surfaces apply a priming coat of Mipa Tiefgrund LF (for interior use) or Mipa Tiefgrund LH (for exterior use).
<b>Mixing ratio :</b>	Mix approx. 4 parts Mipa Füllspachtel with 1 part water. Always add the powder to water!

This technical data sheet is supplied for informational purposes only! According to our information, all data and recommendations correspond to the state of art and are based on years of experience in manufacturing our products. They do not exempt the user from his obligation to verify professionally, on his own responsibility, the suitability of our products to the intended purpose under prevailing conditions. Safety data sheets and warnings on packaging must be observed. We reserve the right to modify and to complete the information content at any time, without prior notice or obligation to update.

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<b>Application :</b>	Disperse the mentioned quantity of Mipa Füllspachtel außen in the water and stir until you get a mortar free from lumps. After a pre-reaction time of approx. 3 minutes, stir Mipa Füllspachtel außen again. Any imperfections can be smoothed out after approx. 50 - 80 minutes with a damp sponge.
<b>Pot life :</b>	30 min.
<b>Drying :</b>	After drying at 20° C and 65% relative air humidity, the product can be overcoated after 24 hours.
<b>Coat thickness :</b>	at least 1 mm

### Important note

Do not apply fluat on Mipa Füllspachtel außen. In case of spot repair please consider the different alkalinity and absorptivity of the substrate for subsequent applications.

### Safety instructions

Mipa Füllspachtel außen is slightly alkaline. Protect eyes and sensitive skin against product. Wash away colour traces immediately with sufficient clear water. Consider general hygienic rules.

### Cleaning of tools

Tools should be cleaned with water immediately after use or in case of prolonged interruption of work.

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