

## Technical Data Sheet

# Rajasil VMM / VMM SUCK

(Mortars for Facing Brickwork)

<b>Rajasil VMM / VMM SUCK:</b>	Dry factory-mixed mineral-based mortar G, M 5, W 0 in accordance with DIN EN 998-2														
<b>Areas of Application:</b>	For the flush-joint construction of brick linings and facing brickwork														
<b>Composition:</b>	Hydraulic lime, quartz sands of up to approx. 1.5mm max. grain size Rajasil Vormauermörtel für stark saugende Mauersteine contains admixtures for increased water retention. Colour: grey														
<b>Technical Parameters:</b>	<table border="1"> <tr> <td>Mortar group</td> <td>M 5 with DIN EN 998-2</td> </tr> <tr> <td>Gross density of set mortar</td> <td>1,8 kg/dm<sup>3</sup></td> </tr> <tr> <td>Flexural strength</td> <td>2,0 – 2,5 N/mm<sup>2</sup></td> </tr> <tr> <td>Compressive strength</td> <td>8 - 10 N/mm<sup>2</sup></td> </tr> <tr> <td>e-module</td> <td>10.000 – 12.000 N/mm<sup>2</sup></td> </tr> <tr> <td>w-value</td> <td>approx. 5 kg/m<sup>2</sup>·h<sup>0,5</sup></td> </tr> <tr> <td>μ-value</td> <td>15 - 20</td> </tr> </table>	Mortar group	M 5 with DIN EN 998-2	Gross density of set mortar	1,8 kg/dm <sup>3</sup>	Flexural strength	2,0 – 2,5 N/mm <sup>2</sup>	Compressive strength	8 - 10 N/mm <sup>2</sup>	e-module	10.000 – 12.000 N/mm <sup>2</sup>	w-value	approx. 5 kg/m <sup>2</sup> ·h <sup>0,5</sup>	μ-value	15 - 20
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<b>Yield:</b>	1kg of dry mortar yields approx. 0.7 litres of wet mortar.														
<b>Coverage:</b>	Depends on brick dimensions Standard-sized solid bricks: approx. 30 litres of wet mortar per m2 (approx. 43kg of dry mortar)														
<b>Application and Substrate Temperature:</b>	+ 5 °C minimum; lower temperatures during the curing phase can have a sustained negative effect on product properties. With high environmental temperatures (and/or strong wind), additional measures are necessary to prevent premature loss of mixing water.														
<b>Application:</b>	Mix mortar in turbomixer while continuously adding even dosages of water. Flush-joint brickwork construction is possible; smooth/level joints during the stiffening process.														
<b>After Treatment:</b>	Protect new brickwork adequately from premature dehydration (sun, wind, high temperatures), rain and frost.														
<b>Notes:</b>	Due to the usage of mineral raw materials, follow-up deliveries may vary in colour shade. Only use material from the same production batch for continuous surfaces, especially when no surface coating is planned. In unsuitable drying conditions (low temperatures, high humidity) calcium carbonate efflorescences cannot be safely ruled out. Variations in colour shade and surface texture over the course of time due to weather and environmental factors, e.g. atmospheric particles, are not covered by warranty. Technical functionality remains unaffected. Under adverse conditions, the possibility of the formation of micro-organisms, such as algae, cannot be ruled out; this does not constitute a reason for complaint.														
<b>Safety Instructions:</b>	Rajasil mortars for facing brickwork contain hydraulic lime and thus react alkaline when fresh. Avoid contact with eyes and skin. Protect eyes and skin. If product gets on skin, wash off immediately. If product gets in eyes, thoroughly flush with water immediately and seek medical attention. Wear suitable protective gloves. If product is swallowed, seek medical attention immediately. For further information see Safety Data Sheet.														
<b>Storage:</b>	Store in a dry place; shelf-life in original container: approx. 9 months. Low chromate conforming to TRGS 613														
<b>Quality Control:</b>	External and internal controls at regular intervals.														



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