

## Technical Data Sheet

# Rajasil MP GK

(Machine-applicable Plaster)

<b>Rajasil MP GK:</b>	Gypsum-lime based dry factory-mixed mortar P IV according to former DIN V 18 550
<b>Properties:</b>	<ul style="list-style-type: none"> <li>– specially-formulated for machine application</li> <li>– can be felt-float finished and smoothed</li> <li>– colour: natural white</li> </ul>
<b>Areas of Application:</b>	<p>Interior application For the one-coat plastering of wall and ceiling surfaces. Not suitable for damp rooms; but can be applied in residential bathrooms and kitchens.</p> <p>In the immediate area of showers or similar areas exposed to moisture, we recommend the application of lime cement bonded plasters.</p> <p>Responsibility for any usage outside these areas of application lies solely with the user.</p>
<b>Composition:</b>	gypsum, white lime hydrate, carefully composed limestone sands, maximum grain size approx. 1.0mm
<b>Technical Data:</b>	compressive strength: 2.0 N/m <sup>2</sup> minimum
<b>Coverage:</b>	approx. 1.2kg dry mortar / m <sup>2</sup> / mm plaster thickness
<b>Substrate/Preparation of the Substrate:</b>	<p>Masonry; rough, absorbent concrete surfaces. Make sure substrate is dry, free from frost, stable, absorbent and free from release agents. Shrinkage and moisture release processes of concrete elements must be near completion.</p> <p>Check substrate in accordance with DIN 18 350. Knock mould marks/flashings off concrete surfaces. On smooth, inadequately absorbent concrete surfaces, apply HECK UG. Prime plasterboard with Rajasil TG W and HECK UG.</p> <p>Treat highly or unevenly absorbent substrates, such as aerated concrete, once with Rajasil TG W.</p>
<b>Application and Substrate Temperature:</b>	<p>+ 5 °C minimum; lower temperatures during the curing phase can have a sustained negative effect on product properties.</p> <p>With high temperatures (and/or strong wind), additional measures are necessary to prevent premature loss of mixing water</p>
<b>Application:</b>	<p>Application thickness: 10mm on average; 15mm max. on concrete ceilings</p> <p>Adjust mortar to a plastic consistency, allowing for the required application thickness.</p> <p>Smooth plaster vertically and flush, and perform initial felting (manually or using felting tool) during setting process; when surface becomes matt, felt-finish or smooth. Apply a separating cut (with pointing trowel) between plastered surfaces on walls and ceilings; this helps prevent damages to the plaster due to structural movements.</p> <p>Do not apply machine-applicable plaster in two coats, i.e. onto a layer of machine-applicable plaster that has already set.</p> <p>Time allowance from start of plaster application to surface finishing: approx. 100 minutes.</p> <p>On surfaces prone to tearing/cracking, e.g. roller shutter casings, embed Rajasil AGG into upper third of plaster layer; make sure edges of mesh overlap by 10cm.</p>
<b>After Treatment:</b>	Protect from frost.
<b>Surface Coating:</b>	After curing and drying are complete; with any conventional paint coat or wall paper; thin-layer HECK finishing coats or suitable ceramic claddings require priming with Rajasil TG W and HECK UG. Observe respective Technical Data Sheets.
<b>Cleaning of Tools:</b>	Immediately after use, with water.
<b>Notes:</b>	If, after plastering work, application of hot-rolled asphalt is planned, provide ample ventilation to prevent thermal stress.
<b>Safety Instructions:</b>	<p>Rajasil MP GK contains lime and thus reacts 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 rinse with water immediately and seek medical attention. Wear suitable protective gloves.</p> <p>Keep product out of the reach of children.</p> <p>For further information see Safety Data Sheet.</p>

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**Storage:**

Store in a dry place; shelf-life in original container: approx. 3 months.  
Longer storage or inadequate storage conditions can have negative effects on setting properties.

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**Quality Control:**

Constant monitoring of production through laboratory analyses.

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