

Technical Data Sheet

Rajasil Gesimsziehmörtel grob/fein

(Mortar for Cornices)

Rajasil Gesimsziehmörtel grob/fein:	<p>Special-purpose dry factory-mixed mortars GP, CS III in accordance with DIN EN 998-1 (P II according to former DIN V 18550) for the creation and repair of exterior stucco mouldings.</p> <p>Types available:</p> <p>Rajasil Gesimsziehmörtel grob (coarse); max. grain size approx 4mm W 0 in accordance with DIN EN 998-1</p> <p>Rajasil Gesimsziehmörtel fein (fine); max. grain size approx 0.6mm W in accordance with DIN EN 998-1</p>				
Properties:	fast-curing; good workability; in addition, Rajasil Gesimsziehmörtel fein has water-repelling properties				
Areas of Application:	<p>Creation of exterior facade stucco (pilaster strips, cornices etc.). The product is also suitable for re-moulding existing stucco details.</p> <p>Responsibility for any usage exceeding these areas of application lies solely with the user.</p>				
Composition:	<p>White lime hydrate, Portland cement, fast-curing cement, mineral and mineral lightweight aggregates, admixtures for improving adhesion and for optimal workability</p> <p>Colour: grey</p>				
Yield:	<p>Rajasil Gesimsziehmörtel grob 10kg of dry mortar approx. 10 litres of wet mortar</p> <p>Rajasil Gesimsziehmörtel fein 10kg of dry mortar approx. 7.5 litres of wet mortar</p>				
Substrate:	mineral substrates such as masonry, renders CS II to IV according to former DIN V 18 550; unsuitable on gypsum				
Preparation of the Substrate:	<p>Rajasil Gesimsziehmörtel can only be applied on substrates that are sufficiently sound, stable and coarse-textured (substrate analysis!). Remove any contaminants (dust, dirt etc.) prior to application. Stabilise brittle mineral substrates using Rajasil Steinfestiger OH 100 or Rajasil Putzfestiger (see Technical Data Sheet for contact time).</p> <p>For the restoration of partly damaged stucco details, remove damaged parts to sound substrate in such a way that the mortar to be applied in no spot runs out in zero thickness (minimum thickness for coarse mortar 10mm). In addition, roughen smooth, low absorbent substrates with a pointed chisel or tooth chisel or pre-treat with Rajasil Spritzbewurf applied in a net-like pattern.</p> <p>On insufficiently sound and stable substrates, mechanically install a suitable plaster base/lath according to the manufacturer's instructions prior to mortar application. Run mouldings with a thickness exceeding 5cm have to be built-up on a stainless wire lath (see VOB, 2000 issue, DIN 18 350, 3.4.1) or mechanically fixed to the substrate using suitable anchors (follow manufacturer's instructions). With large projections (e. g. cornices), it is recommended to save weight by employing a hollow-construction method using non-swelling construction materials.</p>				
Application and Substrate Temperature:	<p>+ 5 °C minimum; lower temperatures during the curing phase can have a sustained negative effect on product properties.</p> <p>With high environmental temperatures (and/or strong wind), additional measures are necessary to prevent premature loss of mixing water.</p>				
Preparation of the Product:	<p>Add dry mortar to required amount of water in a clean mortar bucket and mix until an even, lump-free, standard-workability consistency is obtained.</p> <p>Do not re-temper once mortar has begun to set.</p>				
Application:	<p>Depending on the required thickness of the moulding, one or several layers of Rajasil GZM COARSE (Gesimsziehmörtel grob) are manually applied wet-in-moist and the general profile of the moulding is created in a rough first run using the prefabricated mould. Should more than one runs be necessary for the creation of the moulding, allow sufficient time after each run for the freshly applied mortar to stiffen to prevent it from coming off. Depending on the properties of the substrate, it may be necessary to first apply a thin putty layer using Rajasil Gesimsziehmörtel fein prior to the application of the first layer of Gesimsziehmörtel grob; application of the coarse-type mortar can then proceed on this base wet-on-wet. When finished with the creation of the general shape of the moulding, roughen surface for the fine-moulding run.</p> <p>Apply Rajasil Gesimsziehmörtel fein onto sufficiently cured coarse-mortar surface and run to precise shape.</p> <p>Application thickness:</p> <table border="0"> <tr> <td>Rajasil Gesimsziehmörtel grob</td> <td>max. 30mm per workstep</td> </tr> <tr> <td>Rajasil Gesimsziehmörtel fein</td> <td>max. 5mm per layer</td> </tr> </table>	Rajasil Gesimsziehmörtel grob	max. 30mm per workstep	Rajasil Gesimsziehmörtel fein	max. 5mm per layer
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Application time:	Rajasil Gesimsziehmörtel grob/fein approx. 20 minutes at + 20 °C				
Setting time:	<table border="0"> <tr> <td>Rajasil Gesimsziehmörtel grob</td> <td>20 to 30 minutes at + 20 °C</td> </tr> <tr> <td>Rajasil Gesimsziehmörtel fein</td> <td>30 to 40 minutes at + 20 °C</td> </tr> </table>	Rajasil Gesimsziehmörtel grob	20 to 30 minutes at + 20 °C	Rajasil Gesimsziehmörtel fein	30 to 40 minutes at + 20 °C
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Curing time:	Curing time for the coarse type is at least 14 days depending on application (at ambient conditions of + 14 °C) A longer curing period is necessary with curing-inhibiting environmental conditions (low temperatures etc.) or larger-thickness facade elements.
After Treatment:	Protect newly created facade elements from premature dehydration (sun, wind, high temperatures) by covering with plastic tarpauline or wet jute sheets and from frost and rain.
Subsequent Surface Coating:	Water-repellent coating systems such as Rajasil Siliconharzfarbe (refer to Technical Data Sheet)
Safety Instructions:	Rajasil Gesimsziehmörtel contains lime and cement 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 rinse with water immediately and seek medical attention. Wear suitable protective gloves. If product is swallowed, seek medical attention immediately. Keep product out of the reach of children. For further information see Safety Data Sheet.
Storage:	Store in a dry place; shelf-life in original container approx. 3 months. Low in chromate in accordance with TRGS 6134 for at least 9 months after the date of production.
Quality Control:	Constant monitoring of production through laboratory analyses.



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