

Technical Data Sheet

Rajasil EGM

(Levelling Mortar)

Rajasil EGM: WTA-certified aerated basecoat render, GP, CS II, W 0, in accordance with DIN EN 998-1 (P II according to former DIN V 18 550) for the partial levelling of large hollows prior to the application of Rajasil SP3 and Rajasil SP4.

Areas of Application: Levelling of larger indentations and unevennesses in the masonry; for interior (e. g. basements) and exterior use above grade
The responsibility for any usage exceeding these areas of application lies solely with the user.

Composition: Sulphate-resistant binder, lightweight mineral aggregates, aggregates of up to 2mm max. grain size, admixtures for the improvement of workability

Technical Data: Rajasil EGM meets the requirements of WTA Recommendation 2-9-04:

air void content	> 25 volume percent
water vapour permeability resistance coefficient μ	< 18
capillary water absorption W_{24}	> 1.0 kg/m ²
water penetration depth h	> 5mm
porosity	> 45 volume percent

Coverage: approx. 11kg of dry mortar per m² of render thickness

Preparation of the Substrate: Completely remove existing render. Rake out brittle joints to a depth of at least 2cm.
In the case of normally absorbent masonry (e.g. clay brick, some types of natural stone), no prior application of Rajasil SPB is necessary. With low-absorbent substrates, apply Rajasil SPB in a web-like pattern.

Application and Substrate Temperature: + 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.

Preparation of the Product: Mix Rajasil EGM in a mortar bucket using a high-performance power stirrer and apply manually.
Mixing time using power stirrer: 2 to 3 minutes
Machine application
Any conventional mixing pump can be used. Depending on the type of the machine, use of an additional secondary mixer may be required. The decisive factor here is that the fresh mortar properties as per WTA Recommendation 2-9-04/D are obtained.

Application: Trowel up individual render layers and roughen thoroughly during setting period. If used as WTA aerated basecoat render, a minimum render thickness of 10mm is required. Maximum per-layer render thickness: 3cm
Please observe Technical Data Sheets Rajasil SP3 and Rajasil SP4.

Curing: Curing time prior to additional coating:
1 day per mm of render thickness; if render thickness exceeds 10mm, at least 10 days - depending on curing and drying conditions

After Treatment: Protect newly applied render from premature dehydration (sun, wind, high temperatures), frost and rain.
Curing and drying depends on environmental conditions. Ambient climate must permit drying.

Safety Instructions: Rajasil EGM contains lime and cement 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, flush 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. 9 months.
Low chromate conforming to TRGS 613

Quality Control:

Constant monitoring of production through laboratory analyses.

The Rajasil SP3 system with its components

Rajasil SPB

Rajasil EGM

Rajasil SP3

Rajasil SP4

is certified by WTA: All requirements of WTA Recommendation 2-9-04/D, also those pertaining to internal and external controls, are met. The products may carry the WTA® service mark.



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