

Rimat Rot 100

Bonding Plaster



Material

• Rimat Rot 100 is an especially light-weight gypsum bonding plaster with high coverage for internal use. It is designed for manual application and ideally suited for particularly difficult backgrounds. Its uniform setting process ensures a safe execution of every step in the plastering operation.

Application Range

• All types of masonry, concrete, autoclaved aerated concrete and lathwork.

Background Properties

• The background must be even, firm, sufficiently dimensionally stable, dry, absorbent and free of dust, frost and impurities. Check and examine the plaster base in accordance with DIN 18350 "Plastering and Rendering" and DIN V 18550 "Plastering/ rendering and plastering/ rendering systems – Execution"

Background Pretreatment

• In case of highly absorbent backgrounds, we recommend to use "Rikombi Grund" or "Rikombi Sperre" for background pretreatment!

• Always use Rikombi Kontakt for the pretreatment of concrete surfaces (the humidity level of the concrete core must be lower than 2 to 3 weight per cent before applying Rimat Rot 100).

Mixing Instructions

• Use clean containers, clean tools and clean water.
• Do not add any further additives!

Processing

• Strew Rimat Rot 100 into clean water and use a motor mixer to obtain a lump-free paste.
• Apply one coat in one step, then use a featheredge to flush level it.
• After the plaster has hardened sufficiently, wet it slightly, use a sponge float to sponge it off and smooth it down.

Important

• Do not add any additives to Rimat Rot 100!
• Avoid applying more than one coat, also on roughened background. If the application of more than one coat is required, we recommend to apply the subsequent coat "fresh in fresh!"
• Never pretreat backgrounds by applying a gypsum plaster coat before starting the actual plaster work!
• To prevent the formation of iron stains, insulate all visible steel parts in the background surface.
• Do not apply Rimat Rot 100 on fresh or wet concrete!

Technical Data

Package sizes	25 kg
Processing time	approx. 100 mins.
Coverage	25 kg = approx. 30 l wet mortar approx. 4,2 m ² from 25 kg at 8 mm medium coat thickness
Standard	DIN EN 13279-1
Compressive strength	> 3,5 N / mm ²
Flexural strength	> 1,0 N / mm ²
Thermal conductivity λ_R	approx. 0,25 W / mK
Water vapour resistance factor μ	10
Fire resistance (EN 13501-1)	A 1
Application thickness	- Medium thickness 8 mm, Min. thickness 5 mm, - Beneath concrete ceilings max 25 mm. - On non-rigid surfaces, e.g. wood-wool building slabs, minimum thickness 15 mm with full-surface reinforcement. - On lathwork min thickness 15 mm on visible side. - In case of subsequent coating with ceramic tiles 10 mm, do not polish nor smooth the surface, only level it out properly.
Storage	Store in a dry and frost-free place. Store for max. 6 months from production date.

The information in this publication is based on our current technical knowledge and experience. In view of the many factors that may affect processing and application of our products, these data do not relieve the users of our products from the responsibility of carrying out their own inspections and tests, as they only represent general guidelines. They neither do imply any legally binding assurance of certain properties or of suitability for a particular application. It is the responsibility of those to whom we supply our products to ensure that any proprietary rights and existing laws and regulations are observed. We reserve the right to modifications in the interests of technical advancement without prior notice.