

Rimat Rot 100



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.

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.

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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]
Mixing ratio	25 kg per 15l Wasser	
Processing time	approx.. 100	[Minutes]
Coverage	25kg = approx. 33l wet mortar approx. 4,2 m ² from 25kg at 8mm medium coat thickness	
Standard	DIN EN 13279-1	
Compressive strength	> 3,5	[N/mm ²]
Flexual strength	> 1,0	[N/mm ²]
Thermal conductivity λ_R	0,25	[W/(m x K)]
Water vapour resistance factor μ	10	[-]
Fire resistance	A1	
Application thickness	Medium thickness 8mm, min. thickness 5mm, beneath concrete ceilings max. 25mm. On non-rigid surfaces, e.g. wood-wool building slabs, minimum thickness 15mm with full-surface reinforcement. On lathwork min. thickness 15mm on visible side. In case of subsequent coating with ceramic tiles 10mm, 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 values given in this product data sheet solely describe the performance characteristics of the products. Rigips-Systems also have far-reaching structural-physical and static properties, which can be found in our system documentation (e.g. Planen und Bauen).

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