

RC INTRALIME G

INTERIOR BASE PLASTER BASED ON LIME AND ANHYDRITE

Lime-based plasters



ADVANTAGES OF RC INTRALIME G

- ✓ Excellent water vapour permeability
- ✓ Grey colour
- ✓ Euroclass A1 reaction to fire
- ✓ Manual or machine application
- ✓ Easy to apply in thicknesses from 0.7 – 8.0 cm

Description

RC INTRALIME G is composed of calcium sulphate (anhydrite), lime, expanded perlite, limestone aggregates graded according to a suitable granulometric curve and specific additives that improve workability and adhesion to substrates. The high lime content provides excellent flexibility and ensures optimal and easy application. Thanks to its unique composition, good water vapour permeability is guaranteed.

Application

RC INTRALIME G is a base plaster that can be applied manually or with plastering machines on all dry and absorbent substrates, including ceilings and insulating masonry such as aerated concrete, concrete blocks, expanded polystyrene systems or similar materials.

RC INTRALIME G must never be applied on external substrates. Do not use in permanently damp areas or on walls affected by rising damp; these must first be treated by injection with a product such as RC DRYGEL 80.

Substrate

- The substrate must be sound, dry, free from grease and dust and must not contain elements that reduce adhesion such as release agents, water repellents, paint or varnish.
- No primer is required on porous substrates.
- When applying RC INTRALIME G on smooth surfaces such as concrete or cement-based finishing layers, a primer such as RC ACRYPLAST is recommended to improve adhesion.
- Always pre-wet the substrate.

Application instructions

Preparation of the mortar

Manual application: mix by hand or with a low-speed electric mixer. Mix one 20 kg bag with 6 to 6.5 liters of clean water until a homogeneous, lump-free mortar is obtained. Use only clean water and do not add other substances.

Applying the mortar

The plaster must always be reinforced (at approximately one third of the total plaster thickness measured from the outer surface) with a fiberglass reinforcement mesh. Reinforcement must also be applied diagonally and double-layered at window and door corners. RC INTRALIME G can be applied in several layers with thicknesses between 0.7 and 8.0 cm, as long as the previous coat is not yet dry. The maximum layer thickness of 8.0 cm is achieved in a minimum of three coats. These three coats can be applied using the "wet-on-wet" technique: the first coat is applied, and after half an hour to an hour — when the first coat begins to harden — the next coat can be applied. In this way, the desired thickness can be achieved within a single working day.

For spray machines such as M-TEC or similar, we recommend using a nozzle of 12–14 mm.

Finishing

RC INTRALIME F can be applied the next day or after sufficient hardening and drying (after 2 to 3 days at 20 °C, depending on layer thickness and conditions).

Consumption

11 kg/m²/cm thickness.

Technical characteristics

Appearance	Powder	
Colour	Grey	
Bulk density	1100 - 1200 kg/m ³	EN 1015-10
Compressive strength	2.0 N/mm ² (CSII)	EN 1015-11
Grain size	≤ 1.2 mm	
Flexural strength	1.0 N/mm ²	EN 1015-11
Working time	60 minutes	
Thermal conductivity	≤ 0.40 W/(m·K)	EN 12524
Specific heat capacity	1.0 kJ/kgK	EN 12524
Water vapour diffusion resistance (μ-value)	10	EN 1745, A.12
Reaction to fire	Class A1, non-combustible	EN 13501-1
Air content	19%	EN 1015-7
Capillary water absorption	W0	EN 1015-18
Fresh mortar bulk density	~1650 kg/m ³	EN 1015-6
Fresh mortar consistency	~155 mm	EN 1015-3
Mixing ratio	1 bag + 6 – 6.5 litres water	

Security

Consult the most recent safety data sheet.

Notes

- Do not add other products to the mixture.
- The substrate and/or ambient temperature must be between +5°C and +30°C.
- Do not apply on frozen, dusty or unstable substrates.
- Respect layer thicknesses of 0.7 to 8.0 cm per layer. Drying times increase proportionally with thickness.
- When tiling on RC INTRALIME G, it is recommended to apply RC ACRYPLAST primer before the adhesive. For application on concrete substrates, apply a layer of RC ACRYPLAST beforehand.

Cleaning tools

With water, immediately after use, before the mortar has completely hardened.

Storage / Shelf life

12 months from production date in the original unopened packaging, stored in a dry, frost-free environment.

Packaging

20 kg bags on pallets of 63 bags, protected with plastic stretch film.

Certification CE

CE EN 13279-1:2008: Gypsum-based building plaster for interior use B2/50/2.

Photos



Legal Notes

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