

RC INTRALIME F

LIME-BOUND FINE AND VAPOUR-PERMEABLE FINISHING PLASTER FOR SMOOTH FINISHES

Natural lime-based plasters



ADVANTAGES RC INTRALIME F

- ✓ Vapour permeable
- ✓ White
- ✓ Fire resistance Euroclass A 1
- ✓ Manual or spray application
- ✓ Easy to work with thicknesses from 1 to 4 mm

Description

RC INTRALIME F is a fine finishing plaster designed to achieve a smooth surface finish. It is formulated with lime, selected micronised limestone aggregates and specific additives that improve workability and adhesion to the substrate. The plaster can be applied in layer thicknesses of 1 to 4 mm. The application of two or more coats allows surface irregularities to be levelled and provides a smooth finish ready for subsequent decoration.

Application

RC INTRALIME F is used for levelling and smoothing the base coat RC INTRALIME G as well as various lime-based plasters. The product is also suitable for direct application onto plasterboards, blocks, panels and aerated concrete elements.

RC INTRALIME F must never be applied to external substrates, unstable or unsound substrates, or substrates treated with release agents or water-repellent products. Do not use on walls affected by moisture or rising damp. In such cases, walls must first be treated against rising damp using a suitable injection system such as RC DRYGEL 80.

Substrate

- Protect all parts and surfaces that are not to be coated.
- The substrate must be dry, flat, free of grease and dust and must not contain any adhesion-reducing elements or substances, such as release oils or water repellents.
- It is not necessary to apply a primer to porous surfaces.
- If RC INTRALIME F is to be applied to smooth surfaces, such as concrete or cement-based finishes, a specific primer is recommended, such as RC ACRYPLAST, to increase adhesion to the wall.
- Always pre-wet the substrate.

Application instructions

Preparation of the mortar

The product can be mixed by hand or with an electric mixer at low speed. Mix the contents of the bag (25 kg) with 13 – 15 litres of clean water until a homogeneous, lump-free paste is obtained. Do not add any other products to the mixture. Allow the mixture to stand for 5 minutes to prevent lumps from forming, then mix again. The mixed product can be used for approximately 100 to 120 minutes.

Applying the mortar

Apply using a large spatula, making horizontal and vertical passes, taking care to spread the product evenly and making up for any small unevenness in the substrate, until the desired appearance is obtained. The product can be applied at a minimum thickness of 1 mm and a maximum of 4 mm per coat. Wait 30-60 minutes before applying the next coat. Allow to dry and sand down any unevenness and remove dust with a damp cloth.

Machine application of mortar

Intralime F can also be applied by airless. The following devices have been tested and approved:

GRACO T-Max 6912 – airless mode

18 metres of hose (10 metres 1", 5 metres 1" and 3 metres 3/4")

Gun Lance, no filter in the gun

Nozzle tip: HDA555 of HDA561

<https://www.graco.com/gb/en/contractor/product/17x986.html>

Mark X HD 3in1 Ironman

15 metres 1/2", 3 metres 3/8

In-line texture gun

200 bar maximum pressure

Nozzle tip: HDA 541

<https://www.graco.com/gb/en/contractor/product/17h897.html>

Consumption

1 kg/m²/mm thickness. The exact material requirements are to be calculated according to the project.

Technical characteristics

Appearance	Powder	
Colour	White	
Density	~ 900 kg/m ³	EN 1015-10
Compressive strength	5,0 N/mm ²	EN 13279-2
Maximum aggregate diameter	≤ 150 µm	
Flexural strength	2,0 N/mm ²	EN 13279-2
Setting time	100 - 120 minutes	
Practical working time	90 - 100 minutes	EN 13279-2
Coefficient of resistance to water vapour diffusion (µ-value)	10	
Fire resistance	Class A1, flammable	EN 13501-1
Mixing ratio	1 bag + 13-15 litres of water	

Security

Consult the most recent safety data sheet.

Notes

- Do not add other products to the mixture.
- The temperature of the substrate and/or the ambient air must not be below +5°C or above +30°C.
- Protect the fresh plaster from drying too quickly and from frost.
- Avoid application on frozen, dusty and unstable substrates.
- Apply at thicknesses between 1 and 4 mm per coat.
- Wait for the product to dry completely before sanding the walls.
- Ventilate the premises after installation to allow the product to dry properly.

Cleaning tools

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

Storage / Shelf life

12 months from the date of manufacture in its original undamaged packaging and protected from moisture and frost.

Packaging

25 kg bag on pallet of 50 bags with waterproof elastic protection.

Certification CE

CE EN 13279-1: Lightweight construction plaster for interior application.

Photos



Legal Notes

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