

## RC CALCOLISS 300

### LIME FILLER BASED ON AERATED LIME

#### Natural lime mortars



#### ADVANTAGES OF RC CALCOLISS 300

- ✓ Very fine structure
- ✓ Good processibility and adhesion
- ✓ For both indoors and outdoors

#### Description

RC CALCOLISS 300 is a lime filler (300 micron) based on aerated lime (CL) in the form of paste, exceptionally white and with a very fine structure, to be used as a thin mortar for leveling and preparing the substrate.

RC CALCOLISS 300 is composed of fat lime, marble powder with an adjusted grain distribution and adapted additives to guarantee good processibility and adhesion.

#### Properties

RC CALCOLISS 300 is a lime paste in accordance with the EN-459 standard and is used both indoors and outdoors to level the substrate (spackle). In this way a flat, evenly absorbing surface is obtained that is ready for painting and is therefore ready for further finishing with, among other things, lime or silicate paint.

#### Substrate

The substrate must be stable. Remove unstable finishing layers or clean with a suitable product and then sand lightly.

If the substrate is dry, and only at high temperatures, it is recommended to pre-moisten the substrate before applying the first coat. However, the substrate must not be saturated with water at the time of application, as this greatly reduces adhesion and quality. Protection of the facades with tarpaulins may be recommended.

Smooth surfaces require an adhesive layer by first applying a primer. Apply a mixture of 1 volume of RC ACRYPLAST and 2 volumes of water 1 hour in advance (see technical data sheet).

#### Application instructions

RC CALCOLISS 300 is ready-to-use, but must be mixed carefully before use. RC CALCOLISS 300 is applied in a constant manner with a stainless steel trowel in one or two layers in a total thickness of maximum 1 mm. Level with a sponge with clean water before it dries.

RC CALCOLISS 300 must not be applied at temperatures below +5°C and above + 30°C. Never apply on a frozen surface. During sunny and dry periods, the necessary measures must be taken to prevent the freshly applied RC CALCOLISS 300 from drying out too quickly. RC CALCOLISS 300 must be protected from frost for 48 to 72 hours after application.

It is recommended to wait at least 12 hours before applying a final coat to avoid shadow effects. All lime products have a normal curing time depending on the layer thickness. The final hardness depends on the carbonation of the lime with air. This process can sometimes take months. RC CALCOLISS 300 is recoatable after 12 hours.

#### Consumption

About 1,8 – 2,2 m<sup>2</sup>/kg.

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## Technical characteristics

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Delivery form:	Paste
Density:	1,65 kg/liter
Binding agent:	Fat lime
Additives:	Mineral additives (crystalline carbonates)
pH:	13
Color:	White (can be colored)
Solvent:	Water
VOC content:	5 g/l
Curing time:	2 to 3 months due to carbonation (depending on the weather conditions)
Dilute:	Ready for use (possibly 0-5% water can be added)
Breathability:	$s_d = 0,045$ m (DIN 52615)
Diffusion resistance:	$w \sim 0,35$ kg / (m <sup>2</sup> h0,5) (EN 1062-3:2001)

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## Security

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It is recommended to always wear gloves and goggles while mixing. For more information, please refer to the most recent safety data sheet.

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## Remarks

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- Processing temperature may not be below +5°C or above +30°C.
  - Avoid strong absorption of the substrate by sufficiently wetting the substrate in advance.
  - Wash off affected surfaces immediately.
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## Cleaning of equipment

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With water immediately after use.

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## Storage / Shelf life

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- Store dry, in the original closed packaging at temperatures between +5°C and +30°C.
  - Shelf life up to a maximum of 3 years after production date.
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## Packaging

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25 kg bucket (item no. 609400).

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### Legal Notes

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