

Colour technology

## LIME COLOUR CA 300



- > easy to process
- > high coverage
- > breathable

### Product description

Murexin Lime Colour CA 300 is a ready-made, breathable lime coating for interior use. It has high coverage and high breathability and a natural high whiteness due to the high-quality lime. For wall and ceiling coatings in new builds and in the course of interior renovations. Recommended for coatings in schools, kindergartens, public buildings, as well as for the care of monuments. Especially suitable for coatings on mineral surfaces such as all sorts of concrete and limestone masonry, as well as for the renovation of load-bearing mineral or silicate colour coatings.

#### Delivery format

Container	Outer packaging	Pallet
15 KG / KE	-	40 KE

#### Storage

Can be stored frost-free, cool, and dry on wooden shelves in the unopened original container for 365 days

### Processing

#### Recommended tools

Roller, brush.

Wash the tools with clean water after use.

#### Processing

Murexin Lime Colour CA 300 can be applied by painting, rolling or spraying. The primer can be diluted with max. 10% water, the top coat with max. 5% water. Usually two applications are required.

### Technical data

Density	approx. 1.4 kg/l
μ value	approx. 120
sD value	approx. 0.02 m
Colour	white
Consumption	approx. 150 - 250 g/m <sup>2</sup> per coat
Dilution	max. 10% water

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Drying time	after 2 - 3 hrs surface dry, after approx. 6 - 12 hrs re-coatable
Flashpoint	none
Pigment base	Lime

## Substrate

### Suitable substrates

Lime cement and cement plasters P Ic, P II, P III

Lime cement and cement plasters P II and P III

Gypsum and ready-made plasters P IV & PV

Plasterboards and gypsum plasterboards

Concrete, Aerated concrete

Exposed masonry

Load-bearing old coatings

The substrate must be dry, frost-free, solid, weight-bearing, dimensionally stable, free of dust, dirt, oil, grease, release agents, and loose parts, and it must comply with the applicable technical national and European directives, standards, and "generally accepted rules of the trade".

## For a perfect system

### Description

Murexin Silicate Fixactive SK 11 for priming absorbent and sandy mineral substrates such as concrete, gypsum, lime cement and cement plasters, gypsum and lime fillers, gypsum plasterboards for subsequent coating with silicate colours and plasters.

## Product and processing instructions

### Material information:

- When working outside the ideal temperature and/or humidity range, the material properties may change significantly.
- Bring materials up to temperature accordingly before processing!
- To retain the product properties, no foreign materials may be mixed in!
- Water dosing amounts or dilution specifications must be precisely kept!
- Check coloured products before use for colour accuracy!
- Colour consistency can only be guaranteed within a batch.
- Environmental conditions significantly influence colouring.
- Carefully open the container, remove any dry parts, and stir the product well!
- Water-based systems have only a limited shelf life after dilution with water, which is why quick processing is recommended.
- Always work wet-in-wet to prevent deposits.
- The final wash or abrasion resistance is reached after approx. 28 days.

### Environmental information:

- Do not process at temperatures below + 5°C!
- The ideal temperature range for material, substrate, and air is +15°C to +25°C.
- The ideal relative air humidity range is between 40% to 60%.
- Increased humidity and/or lower temperatures delay and lower air humidity and/or higher temperatures accelerate drying, setting, and hardening.
- Ensure sufficient ventilation during the drying, reaction, and hardening phase; avoid draughts!
- Protect from direct sunlight, wind, and weather!
- Protect adjacent components!

### Tips:

- We always recommend creating a test surface in advance or small-scale testing.
- Observe the product data sheets of all MUREXIN products used in the system.

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- Keep a genuine original batch of the product for repair work.
- If intensive, brilliant, and dark colours are used, we recommend using wet abrasion, class  $\leq 2$  in at least "silk matt" (gloss level  $>15/60^\circ$  MW) and to level the substrate in "white" beforehand.
- For oblique light we recommend using wet abrasion class  $\leq 2$  in "dull matt" (gloss level  $<5/85^\circ$  MW).

The information provided reflects average values obtained under laboratory conditions. Due to the use of natural raw materials, the indicated values of individual deliveries may vary slightly without impacting the product suitability.

## Safety instructions

### Limiting and monitoring exposure

#### Personal protective equipment:

##### General protection and hygiene measures:

- Observe the usual precautionary measures when dealing with chemicals.
- Keep away from foodstuffs, beverages, and feedstuffs.
- Take dirty, soaked clothing off immediately.
- Wash your hands before breaks and after finishing work.
- Avoid contact with the eyes and skin.

##### Breathing protection

- If ventilation insufficient breathing protection.
- P2 filter.

##### Hand protection: protective gloves.

##### Glove material

- Nitrile rubber

- The selection of a suitable glove depends not only on the material, but also on other quality properties, which may vary from manufacturer to manufacturer.

##### Penetration time of the glove material

- The precise penetration time is to be found out from the protective glove manufacturer and complied with.

##### Eye protection: Tightly-sealing protective goggles.

##### Body protection: occupational protective clothing.

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Please observe the current, technical, national and European standards, guidelines and data sheets regarding materials, substrates and the subsequent construction. Please contact us if you have any reservations or doubt.

This version is rendered invalid if a new version is released. The most recent data sheets, safety data sheets and the terms and conditions are available online at [www.murexin.com](http://www.murexin.com).