

# deffner & Johann

Supplies for RESTORATION | CONSERVATION | ART HANDLING – SINCE 1880

## TECHNICAL DATA SHEET

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## CalXnova Lime Paint

CalXnova Lime Paint coarse is made of dispersed hydrated lime (DHL), mixed with mineral fillings and water. It is a slightly filling lime paint for interior and exterior mineral surfaces, particularly of biologically relevant objects and historical monuments. Suitable for all mineral and absorbent surfaces such as plaster, stucco, stone and surfaces with historic mineral paint coatings. CalXnova Lime Paint coarse bridges gaps up to 0,2 mm. Depending on tools and techniques, it allows for creating individual surface structure and appearance.

### Properties

- Easy handling and application
- Matt surface
- Low tension
- Highly diffusible
- Capillary properties
- High adhesion on mineral and absorbent substrates
- Weather resistant
- Effective against algae and fungi
- Applicable for fresco techniques
- excellent covering properties

### Composition

Dispersed Hydrated Lime, mineral aggregates, water, organic additives < 0,5 %, free of acrylates.

### Color

White. Pigmentation on demand. Tinting with CalXnova Color Concentrates and lime resistant natural pigments. Pigment compatibility should be previously established by tests. Colors can oscillate depending on surface texture.

### Storage

Keep container tightly closed and store in a cool but frost-free, well-ventilated place. Shelf life minimum 12 months.

### Security

Product contains hydrated lime and reacts alkaline pH > 11. Keep out of reach of children. Wear eye protection / face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. Do not empty into drains, waterways or soil. Contains: Calcium Hydroxide; CAS: 1305-62-0

### Disposal

Only empty containers for recycling. Liquid waste should be disposed as water-based paints, dried material as hardened paints or residues as household waste.

### Handling

Stir thoroughly before use.

### Application

Apply with a brush, spray or roller. For priming and final layer up to 10 % water can be added to the paint. Clean tools immediately after use with water.

### Post-treatment

Painted surfaces should be moistened three days several times a day. Moistening accelerate the setting process and is mandatory in outdoor usage.

### Consumption

Depending on substrate ~ 0,35–0,45 kg/m<sup>2</sup>.

### Note

Do not apply to varnishes, acrylic paints, wood, plastics or surfaces with salt efflorescence.

### Suitable substrates and their preparation

Substrates should be free of dust, oil or other separating substances, absorbent and dry. Do not use below +8° C air and substrate temperate. Obey VOB, Teil C, DIN 18363, Abs. 3. Remove Sinter of new plasters if necessary. Clean old mineral paint dry or wet, or remove mechanically. Check substrate for adequate absorption.

Clean algae or moss-infested surfaces with hot steam. Moist the substrate at least 12 hours before use. In doubt better work on dry substrates.

Available at Deffner & Johann:

4226 006	CalXnova Lime Glaze	5 kg
4226 016	CalXnova Lime Glaze	15 kg
4227 001	CalXnova Lime Injection Mortar	1 kg
4227 006	CalXnova Lime Injection Mortar	5 kg
4227 021	CalXnova Lime Injection Mortar	20 kg
4231 106	CalXnova Lime Primer, fibre-reinforced	5 kg
4231 121	CalXnova Lime Primer, fibre-reinforced	20 kg
4232 001	CalXnova Dispersed Hydrated Lime Binder	1 kg
4232 006	CalXnova Dispersed Hydrated Lime Binder	5 kg
4233 021	CalXnova Lime Paint, fine	20 kg
4234 021	CalXnova Lime Paint, Coarse	20 kg
4235 021	CalXnova Lime Filler, fine	20 kg
4236 021	CalXnova Lime Filler, coarse	20 kg
4236 216	CalXnova Crack Stitching Grout	5 kg
4236 221	CalXnova Crack Stitching Grout	20 kg
4237 + color	CalXnova Full-Tone saturated Lime Paint	1 kg

## Please note

This technical information has been compiled on the basis of the latest research of the producer and practical experiences. Due to individual project conditions, the buyer / user is not relieved from the obligation to review our materials for the intended purpose of the project characteristics, conditions and suitability.

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Please find more details and ordering information at:

[www.deffner-johann.de](http://www.deffner-johann.de)