



Technisches Merkblatt

CALCEA®

Lime filler (fine)

High-quality, ready-for-use lime filler for outside and inside based on micronized white lime hydrate



Intended use

Easy-to-process filler for the levelling and homogenization of mineral substrates. To repair smaller defective spots, bumps as well as to close cracks. To level irregularly ground plaster surfaces. Maximum layer thickness: 2 mm.

Properties

- suitable for allergy sufferers
- easy to process
- to be applied to „zero“
- well grindable
- highly diffusible
- capillary
- high adhesion capacity on mineral substrates
- weather-resistant

Composition of material

White lime hydrate (micronized), mineral fill materials, water, processing-improving additives < 1.0%. Grain size up to 50 µm.

Colour

natural white, tones ex works upon inquiry. Self-toning possible with lime toning concentrates as well as lime-resistant dry pigments. The pigment compatibility must be determined by way of samples.

Safety instructions

The product contains lime hydrate and thus reacts alkaline. Store inaccessible for children. Avoid any contact with eyes and skin. Immediately rinse off any material splashes thoroughly with water. Do not allow to penetrate into the sewage system, waters or soil.

Storage

Keep containers tightly closed and store in cool but frost-free and well-ventilated location. Storage stability: min. 12 months

Disposal

Pass on only completely drained containers to recycling. Liquid material residues may be disposed of as waste of paints on water basis, dried-in material residues as hardened paints or household waste.

Application procedure

When applied with spatula or smoothing trowel. Wet heavily absorbent substrates before. Adjust tone desired with lime toning concentrate. Smoothen burrs after slight hardening. CALCEA® Lime filler (fine) can be easily felted wet after hardening and is well-grindable after drying.

Further processing

The coated surfaces should be wetted daily several times afterwards for 3 days. CALCEA® Lime filler (fine) may be coated after 4 days with CALCEA® Lime slurry or Calcea® Lime paint. The coated surfaces should be wetted daily several times afterwards for 3 days. A subsequent wetting will accelerate the hardening process and is compulsory for outdoor applications.

Consumption for 2-layer paint structure

Depending on substrate, each layer (approx. 1mm) approx. 0.75 – 1 kg/m²

Note

Do not use on varnish, dispersion paints, water-repellent substrates, substrates with salt efflorescences, glass, plastic materials and wood.

Suitable substrates and their preliminary treatment

The substrates must be free from soiling, separating substances and absorbent and dry. Do not process below + 8° C (substrate- and air temperature). Follow VOB (Standard Building Contract Terms), Part C, DIN 18363, Sect. 3. Mechanically remove sinter skin of new plastering, if necessary.

Consolidate defective old plaster sections or remove and professionally apply plaster. Prepare non-absorbent substrates after check-up with CALCEA® Lime bonding- and priming slurries. Clean old mineral coatings in dry or wet condition or remove mechanically. Use hot steam to clean any infestation of algae or moss from substrates.

Technical consulting

It is not possible to refer to all substrate types and their paint-technical treatment occurring in the field in this data sheet. If substrates shall be processed, which have not been listed up in this Technical Information, it is necessary to contact our application engineers. We will be pleased to consult you in detail and in relation to the object.