

**Technical Information Sheet**  
**Article No. 6562**

# Historic Lime Filler

High quality, ready-to-use filler on a "dispersed white hydrated lime" base.

Without organic binder additives and without titanium dioxide.

Does not cause allergies. Solvent and plasticizer free. No preservatives, naturally antiseptic.

## Range of use

Because of its composition and the resulting technical properties (see above), Remmers Historic Lime Filler is particularly suitable for use in interior areas on loam, lime, lime-cement and other mineral renders as well as on natural stone, concrete and other absorbent, cementitious substrates.

Due to its characteristics and natural, pure mineral ingredients Historic Lime Filler is especially suitable for the field of monument preservation and ecological housing construction.

The combination of coordinated products in the Remmers Historic Lime Paint System based on dispersed white hydrated lime opens a wide spectrum for highly varied and creative designs and applications.

## Characteristic data of the product

### Characteristic data of the product in the packaged state

Binder:	dispersed white hydrated lime
Viscosity:	paste
Thinning agent:	water
pH value:	> 11

### Characteristic data of the hardened filler

Colour:	white, can be tinted with Historic Lime Base Colour. When using lime resistant, dry pigments, test compatibility of pigments! The total quantity needed should be mixed to avoid deviations in the shade of colour.
Filling properties:	very good
Shrinkage:	little
Sanded with:	glass paper
Water vapour diffusion capacity:	$S_d < 0.03 \text{ m}$ (DIN 52615)

### Composition:

Binder:	Dispersed white hydrated lime (calcium hydroxide in water)
Aggregate/filler:	Calcium carbonate from natural sources
Property enhancing additives < 0.5%:	Among others, cellulose

Historic Lime Filler does not contain any synthetic binder additives or titanium dioxide.

## Property profile

Historic Lime Filler is based on a "dispersed white hydrated lime" and carbonated filler base. It does not contain any (plastic) dispersions.

Historic Lime Filler has a capillary active pore space which means that it is not only water vapour permeable but also permeable for liquid water.

Selected, high quality raw materials and the patented preparation of the binder make the filler very easy to work and provide other positive application characteristics:

- Can be feathered out to "zero"
- Highly diffusion capable
- Capillary-active
- Cloth matt
- Low stress
- Good adhesion to cementitious substrates
- Weather resistant
- Highly resistant to alternating frost-thaw loads
- Environment friendly

Because the "dispersed white hydrated lime" binder is highly alkaline, Historic Lime Filler provides natural protection against fungus and mildew. The filler does not contain any toxic biocidal ingredients or fungicides.

### Intended use

This easy-to-work filler is used for levelling and smoothing rough cementitious substrates, repairing missing areas and unevenness as well as for closing cracks. It can also be used for smoothing render surfaces that have been unevenly rubbed, also for large surface areas. Max. layer thickness: 5 mm

### Substrate

The substrate must be dry, clean, load-bearing, free of loose material, dust and residue from release agents, oil and grease. Coatings that do not adhere soundly, but also intact, old dispersion bound coatings must be thoroughly removed.

Concentration of binder close to the surface ("sinter skin") on substrates to be coated must also be removed prior to coating. Wash off old distemper and lime paints completely.

Highly absorbent substrates should be wet down prior to filling with Historic Lime Filler. Test the absorption behaviour of the substrate on a sufficiently large trial area.

When executing coating work, observe VOB, part C, section 3.1.3. To avoid seams, coat larger adjoining surfaces in one working operation.

### Filling

Uneven load-bearing surfaces with only slight roughness can be levelled with Historic Fine Lime Filler (Art. No. 6564).

### Working

Stir Historic Lime Filler well before using.

### Coating construction

After the substrate has been respectively pre-treated, apply Historic Lime Filler with a filling knife or smoothing trowel (if necessary in several working operations). Depending on the application, Historic Lime Filler may be diluted with up to 10% water.

After the subsequently wet-down Historic Lime Filler has dried, the filler can be coated over with Historic Lime Paint or Historic Lime Wash (see the respective Technical Information Sheets). Do not use at temperatures (ambient and substrate) below +8°C.

### Drying time

At least 24 hours at +20°C and 65% relative humidity, depending on layer thickness.

The filled surfaces should be subsequently wet-down, if necessary, in several working operations. Subsequent wetting down causes the binder to carbonate more quickly. This improves technical properties and

considerably reduces chalking of the surface.

Drying time is delayed at lower room and wall temperatures as well as at higher humidity and there is a risk that spots may form due to superficial sintering.

### Covering measures

The surrounding area, especially glass, ceramic, varnished surfaces, clinker, natural stone, metal, untreated and coated wood should be carefully covered.

### Notes

The products in the Historic Lime Paint System (paint, grout, filler, fine filler, intensive colour paints) can all be used in combination. This allows nearly any shade of colour and practically any surface texture. Non-system additives (e.g. oils, casein) should never be added.

### Tools and Cleaning

Filling knife or smoothing trowel. All tools and splashed filler can be cleaned with water while the material is fresh.

### Packaging, application rate, shelf-life

#### Packaging:

20 kg plastic bucket

#### Application rate:

Approx. 1.0 kg/m<sup>2</sup> per working operation (depending on layer thickness)

#### Shelf-life:

Shelf-life is approx. 12 months in unopened, original containers, stored frost-free.

### Safety, ecology, disposal

Further information concerning safety during transport, storage and handling as well as for disposal is found in the latest Safety Data Sheet.

The statements above are compiled from our field of production and according to the latest technological developments and application techniques.

Since application and working are beyond our control, no liability of the producer can be derived from the contents of this information sheet. Any statements made beyond the contents of this information must be confirmed in writing by the producer.

In all cases, our general conditions of sale are valid. With the publication of this Technical Information Sheet all previous editions are no longer valid.

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