

All you need to know about... Casein Filler

Earthborn Casein Filler is an environmentally friendly, highly breathable filler suitable for sound, absorbent interior and exterior mineral surfaces. It's ideal for filling minor holes, cracks, and gaps before painting with Earthborn wall and ceiling paints.

It can also be used creatively with stencils or modelling tools to create raised decorative patterns or mixed with Pigments to produce custom colours and effects.

Why choose Casein Filler?

- **Environmentally friendly** – Made from natural ingredients
- **Highly breathable** – Regulates indoor humidity
- **Easy to apply** – Ideal for minor repairs; the casein keeps the filler flexible and workable during application
- **Provides a smooth finish** – Spreadable to a thin layer, providing a smooth finish
- **Long lasting and no odour** – The lime hydrate ensures a stable, durable finish that stays odour free once dry
- **Create decorative effects** – Get creative by colouring with Earthborn Pigments or use with stencils for decorative effects
- **Versatile** – Suitable for both interior and exterior mineral surfaces

Where to use it

Casein Filler is perfect for:

- Filling minor cracks, holes, and gaps in sound, absorbent interior or exterior mineral surfaces
- Use stencils or modelling tools to create raised patterns, motifs, or textures on walls

Only suitable for minor cracks, as the filler may run if too much is applied. Not recommended for non-absorbent surfaces such as varnishes, lacquers, or gloss finishes.



Key Facts

Coverage:

1.5 kg per m² per mm of coating thickness

Drying Time:

Approx. 4 hours; ready for sanding after 8–12 hours. Fully cured after 4 weeks, ready to paint over

Colour:

White

Pack Sizes:

500g, 2kg

Tools:

Spatula, knife or trowel

Before you start

For best results, ensure all surfaces are clean, dry, and free from dust grease or wax.

Remove any existing coats of water soluble paint, such as distemper or limewash.

Do not apply in temperatures below 8 °C.

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How to apply

- Mix 1 kg of Casein Filler with 250 ml of water until a lump free paste is created. Add more water during application if necessary
- **Optional colouring:** Up to 5% of Earthborn Pigments can be added to create coloured fillers or unique effects. Mix dry pigments with the powder **before** adding water
- Apply the paste evenly using a spatula, knife, or trowel. For deep cracks or holes, a second layer can be applied once the first coat is dry
- Sand lightly with fine sandpaper if a very smooth surface is desired

Storage and disposal

- Store Casein Filler in a cool, dry, frost-free place
- Shelf life for unopened containers is up to two years
- Shelf life, of opened containers if stored correctly, is up to 2 years
- Allow unused filler to dry, and dispose of any surplus product safely, following local disposal guidelines

Safety first

Earthborn Casein Filler can cause skin and eye irritation and may trigger allergic reactions or respiratory irritation. Avoid breathing in the dust, move to fresh air if inhaled. IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. IF ON SKIN: wash with plenty of soap and water. Keep out of reach of children.

Please refer to the Material Safety Data Sheet for full safety details.

A few important notes:

- As the filler contains lime, allow 4 weeks for full curing before painting over
- Use mixed filler within one hour
- The whitening and covering power is only visible when fully dry

What's inside?

Powdered marble, White lime hydrate, White cement, Cellulose, Clay, Casein

VOC content

Not subject to VOC regulations.

Vegan declaration

At Earthborn we are committed to providing products that are better for our homes, our health and our planet. To that end, we always try to be as open and honest as possible to our customers. Casein Filler and the raw materials are not tested on animals, but this product does contain milk protein, no animal derived enzymes are used in the manufacturing process.

Need more help?

We're always happy to offer friendly advice. If you're unsure which primers or paints you need, or you're working on a listed or sensitive building, just get in touch with our team enquiries@earthbornpaints.co.uk / 01928 734 171 or visit earthbornpaints.co.uk.

Address

Earthborn
Frodsham Business Centre
Bridge Lane, Frodsham
WA6 7FZ