

# Powder Fine Surface Filler

## Product Data Sheet



A fast-setting fine surface filler for use filling small cracks and blemishes

### Product Description

Dry blended surface filler designed for fast setting and early sanding.

This dry powder will need clean, potable water added to it to use as a filler.

### Usage

This product is suitable for use on Lime or Cement backgrounds. It is not suitable for use in conjunction with gypsum plaster or plasterboard. It can be used to fill cracks up to 8mm in diameter as long as the surface is not hollow or debonded.

If unsure about the suitability of your background please contact us for more details.

Do not use this product below 5°C, do not use this product if freezing conditions are predicted within the following few weeks (including wind chill); we have designed other products which are more appropriate for cold weather work, please contact us for more information. Do not use this product in temperatures above 30°C.

### Coverage

The yield will vary depending on the amount and size of the cracks to be filled, as such we cannot give a linear meter measurement.

### Advantages

- Quality controlled production and product consistency.
- Fast setting
- Compatible with Lime Render; breathable

### Colours

This product comes in a single colour, it develops a light tan colour as it sets and hardens. This does not contain any synthetic pigments and we generally do not pigment this product to request.

### Surface Preparation

Dense backgrounds are unlikely to be very absorbent and require little to no dampening, whereas more absorbent backgrounds/materials require adequate dampening in order to prevent rapid drying.

Ensure surfaces are clean and free of dust and other debris. Use proprietary cleaners if necessary to remove dirt, mosses and lichen; we would recommend D/2 Biological Solution is used a week before filling.

### Mixing

Take the required quantity of filler, and mix with water to achieve a slightly softer than toothpaste like consistency. Water used in mixing should be of drinking quality.

Once water has been added, this filler will have an open time of approximately 45 minutes in warm weather and 1 hour 30 minutes in cold weather.

### Application

The application guidance is as follows;

- Clean around the crack; chase it out a little bit if the crack is very fine
- Mix the filler with water to a thick paste like consistency, it should be a little wetter than toothpaste. Do not add too much water to this mix.
- Pre-wet the application area with water using a hand sprayer
- Using a spatula or flat edged trowel press the filler into the crack, moving along the fissure in a diagonal motion in both directions. You should be aiming to over-fill the area a little bit.
- The filler should have a set time of around 45-60 minutes depending on the temperature, however it will need to dry back a bit before attempting to sand it otherwise the product can smear across the surface. This drying time will be dependent on how absorbent the substrate is but will be likely around an hour or two.

### Aftercare

Lightly mist spray the filler a couple of times a day for 2-3 days after application, this filler should not experience shrinkage unless applied to the highest suction substrates, if it does occur re-apply the filler to fill any new cracks, they should occur within the first 48 hours of application.

### Painting

This product will carbonate over time but will stay alkaline at the surface for a minimum of 5 weeks; as such certain paints will be incompatible until carbonation has occurred such as mineral paint or many modern synthetic polymer paints.

Painting with a limewash or lime paint should be viable within 1 week.

### Packaging

This product is supplied in recyclable paper bags.

#### Manufactured by Cornerstone Mortars

Cornerstone products are CE marked and manufactured under an ISO9001:2015 accredited Factory Production Control System.

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Bodmin, Cornwall PL31 2DZ  
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## Storage

This product should be stored in dry conditions, in unopened bags and clear from the ground. Always protect bags from water and damp. Reseal part bags after opening if unused product is present.

Use within 6 to 8 weeks of the manufacturing date (provided on each bag).

## Health and Safety

### RISK PHRASES: R36 / R37 / R38 / R43

- Avoid contact with skin and eyes.
- Contact with wet mortar may cause irritation, dermatitis and/or burns.
- Contact between lime powder and body fluid (sweat, eye fluid etc.) may cause skin burns and respiratory irritation, dermatitis or burns.

### SAFETY PHRASES: S2 / S24/25 / S26 / S37

- Avoid eye and skin contact by wearing suitable eye protection, protective clothing and gloves.
- Avoid breathing dust.
- Keep out of reach of children.
- On contact with skin and/or eyes, rinse immediately with clean water and seek medical attention.

## Declarations

These will contain no Portland Cement whatsoever.

## Document Control

Datasheet version 1.1, issued September 2024. More modern versions of this document will supersede this datasheet, with no exclusions.

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