



Ironstone Mortars

Caring for your older building

Installation Guide

Ironstone Superfine Finishing Plaster
On Old Sound Lime Plaster

MADE IN PARTNERSHIP WITH HEIDELBERG
MATERIALS SOCIETY



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Materials



Ironstone Superfine Finishing Plaster

On Old Sound Lime Plaster

Ironstone Superfine Finishing plaster is a smooth pre mixed interior finish coat used as part of an appropriate plaster system.

Ironstone Superfine Finishing Plaster is made using 100% Heidelberg Materials Socli high performance Natural Hydraulic Lime, fine grade kiln dried sand and conservation-appropriate additives. Creating a high-performance plaster that withstands high-traffic areas.

The Ironstone Superfine Finishing Plaster features the feel of modern plaster with extended working time, excellent workability and enhanced plasticity.

Coverage - After mixing, a 25kg bag will produce approximately 18 litres of plaster. A single 25kg bag will cover 8-10m² at 2mm thickness onto a flat wall.

Preperation - Carefully cover and protect untreated surfaces, in particular glass, ceramics, window sills. The substrate must be clean, dry, solid, and have good adhesion. It must also be free of efflorescent substances. Carefully repair defects. Thoroughly wash, brush off, blast or grind off old paint down to the pores of the plaster.

Apply a coat of Ironstone Mineral Primer and wait at least 24 hours before coating with Ironstone Superfine Finishing plaster.

Add Water - A 25kg bag of mortar will require 7.5 to 8.5 litres of clean water. Always avoid making the mix too wet, as this can promote shrinkage issues. First add around 80-90% of the water followed by the Ironstone Superfine Finishing Plaster and mix until the water is fully distributed, then add additional water to the desired consistency. Mix for 5 minutes.

Quenching - Lime mortars benefit from being left for 15 mins to fatten after mixing and can be reworked for up to 14 hours

Application - Apply the first pass at a thickness of 1mm, let this pull in and stiffen before going over with a second pass at 1mm. The overall target thickness should be 2mm, and a maximum of 3mm. Finish by floating plus optional sponging.

Colour - This product is entirely natural. The Ironstone Superfine Finishing Plaster is made with a light cream silica sand and crushed limestone, his gives a nearly pure white finish when trowelled or an off-white when sponged.

Curing - After application the plaster should be kept damp to promote the cure by mist spraying, and protected from direct sunlight / drying winds.

Temperature - Do not use in temperatures below 5°C or above 30°C

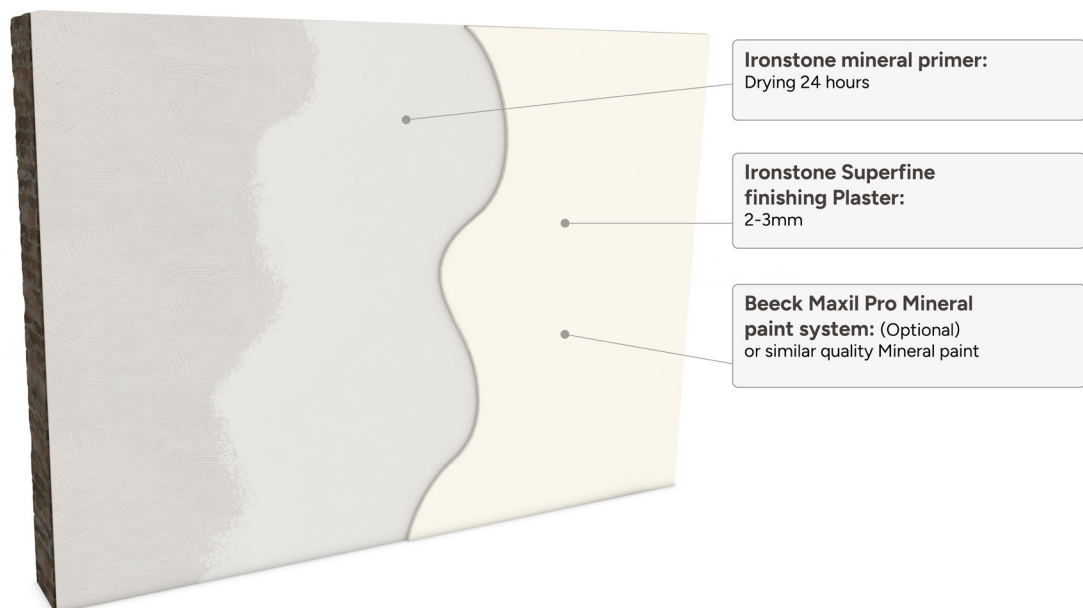
Equipment required -

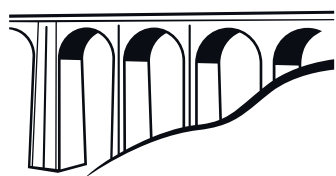
- Large Hawk
- Trowel
- Float
- Sponge Float
- Hessian Roll
- Ironstone Mineral Primer

Masonry Walls plastered with Ironstone Mortar provide:

- Improved breathability
- Protection of masonry from frost and damp damage
- Long term durability
- Reduced susceptibility to sulphate attack
- Naturally flexibility reducing the chance of cracking
- Suitable for use on listed and heritage buildings
- Environmentally friendly - Lime mortars actively absorb CO₂ from the atmosphere.

INTERNAL - Application to Old Sound Lime Plaster





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Manufactured in the UK in partnership with Heidelberg Materials Socli. Ironstone products are CE marked and manufactured under an ISO9001:2015 accredited Factory Production Control System



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