



# Ironstone Mortars

Caring for your older building

## Installation Guide

Ironstone Finishing Render  
On Celenit Wood Wool Boards

MADE IN PARTNERSHIP WITH HEIDELBERG  
MATERIALS SOCLI



# Ironstone Finishing Render

## On Celenit Wood Wool Boards

Ironstone Finishing Render is a dry ready mixed exterior render finish coat as part of an appropriate render system. Provides an attractive light tan finish with a medium texture when floated with a plastic or wooden float and a smoother moderately textured finish when sponged.

Ironstone Finishing Render is made using 100% Heidelberg Materials Socli high performance NHL 3.5 binder, well graded kiln dried sand and conservation-appropriate additives. Creating a high-performance render that withstands high-traffic areas and outdoor elements

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

**Coverage** - A 25kg bag will yield approx 15 litres of mortar. A single 25kg bag will cover 3m<sup>2</sup> at 5mm thickness.

**Preparation** - Ensure the render carrying boards are clean and free of dust and other debris. Wet the boards however, you don't want to be laying onto water sitting on the surface as this will act as a slip layer.

**Add Water** - A 25kg bag of mortar will require 4 to 4.7 litres of clean water. Always avoid making the mix too wet, as this can promote shrinkage issues. First add around 60-70% of the water followed by the Ironstone Finishing Render and mix until the water is fully distributed, then add additional water to the desired consistency. Mix for 5 – 10 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 first coat as a "two pass one coat system" embedding 4mm alkaline mesh in the first pass and then recoat to give a total thickness of 5-7mm. Ensure a 100mm overlap of the mesh and apply a scratch without snagging on the mesh. Damp cure and protect from direct sunlight for 7 days before applying a second coat with a target thickness of 5mm.

**Finishing** - By floating or optional sponging up after the render has stiffened up.

**Colour** - This product is entirely natural. The Ironstone Finishing Render is made with a blended yellow sand which gives a light tan coloured render finish. This render gives a textured finish when floated with a plastic or wooden float, the finish is smoother when sponged but still moderately textured.

**Curing** - After application the render should be kept damp to promote the cure by mist spraying, and protected from direct sunlight / drying winds, preferably with damp hessian, for two weeks.

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

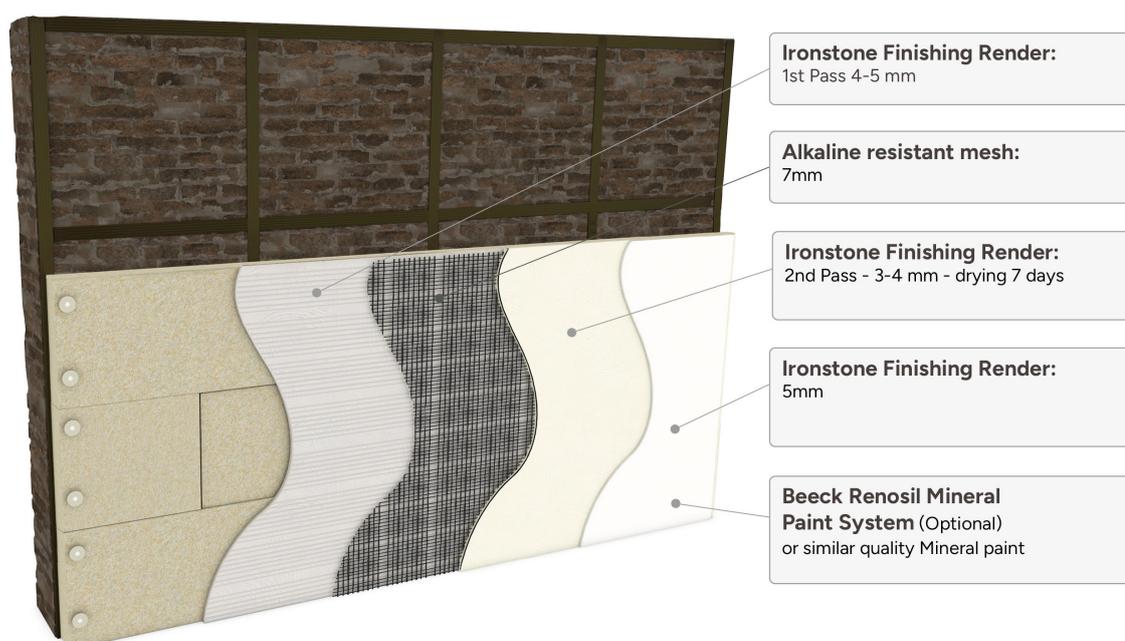
### Equipment required -

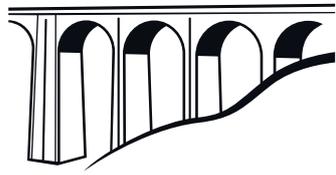
- Large Hawk
- Trowel
- Float
- Sponge Float
- Hessian Roll
- Alkali Resistant Mesh

### Masonry Walls rendered 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 CO<sub>2</sub> from the atmosphere.

### EXTERNAL - Application to Celenit Wood Wool Boards





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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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