



Ironstone Mortars

Caring for your older building

Installation Guide

Ironstone Basecoat Plaster
On Celenit Wood Wool Boards

MADE IN PARTNERSHIP WITH HEIDELBERG
MATERIALS SOCLI



Ironstone Basecoat Plaster On Celenit Wood Wool Boards

Ironstone Basecoat plaster can be applied directly on to Celenit render carrying boards. The Ironstone basecoat plaster features the feel of modern plaster with extended working time, excellent workability and enhanced plasticity.

The addition of the fibres provides reinforcement and improved tensile strength of the scratch coat and assists to mitigate cracking on high suction backgrounds.

Manufactured using Heidelberg Materials High performance NHL 2 binder and carefully selected kiln dried sands. The Ironstone Basecoat plaster is factory blended at a purpose-built facility, which ensures end-to-end control, from selection of materials through to quality control.

Coverage - A 25kg bag will yield approx 15 litres of mortar. A single 25kg bag will cover 3m² at 5mm thickness.

Preperation - 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 Basecoat Plaster 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 two coats. A scratch coat of Ironstone Basecoat plaster fibred applied in a 'two pass, one coat' system.

Applying the first pass at 5mm then embed 4mm render mesh with a trowel then immediately recoat to give a total thickness of around 7mm.

Apply a scratch using a crosshatch pattern, without pulling through the mesh. Damp cure and protect for 7 days before applying a Float coat of Ironstone Basecoat plaster unfibred at a target thickness of 5mm, finishing with a devil float render for the Ironstone Superfine Finishing plaster.

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

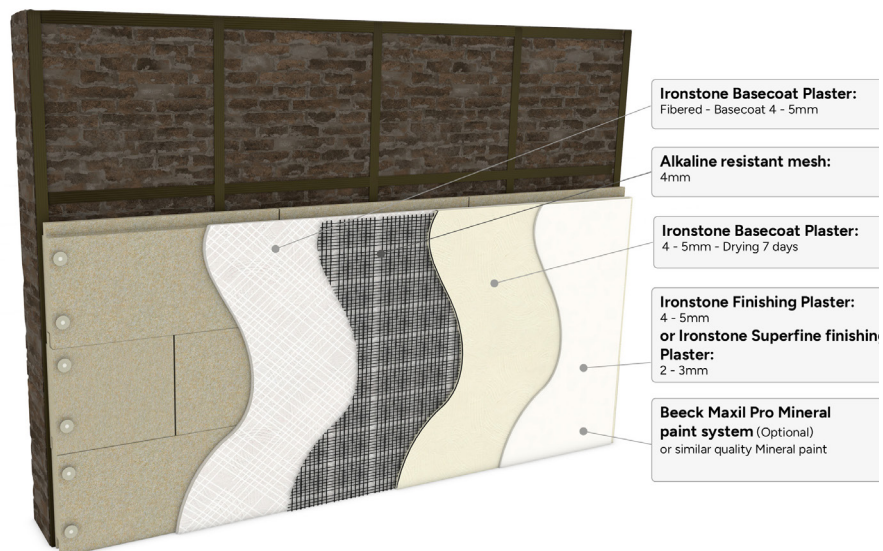
Equipment required -

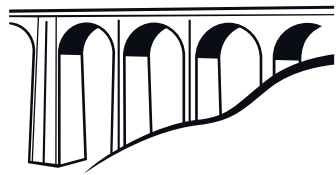
- Large Hawk
- Trowel
- Float
- Alkali Resistant Mesh

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 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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