



Ironstone Mortars

Caring for your older building

Installation Guide

Ironstone Mortar

MADE IN PARTNERSHIP WITH HEIDELBERG
MATERIALS SOCIETY



Ironstone Mortar

Ironstone range of dry pre-mixed natural hydraulic lime mortars has been developed in partnership with Heidelberg Materials Socli. Available in a range of 12 mortars manufactured from Heidelberg Materials high performance NHL 3.5, and 3 complimentary mortars which use Heidelberg Materials eminently strong NHL 5.

The Ironstone range of mortars are highly workable, combining long term durability with breathability and are suitable for repointing and construction with stone, brick or Hempcrete blocks.

Coverage - A 25kg bag will yield approx 14 litres of mortar sufficient to repoint 3-5m² or lay 20-25 bricks.

Preperation - Before re-pointing remove dust and loose material from joints. Dampen the area to be repointed first to help curing.

Add Water - Mixing can take place in a tub or mixer. Use between 4-5 litres of clean water per 25kg. Add the water slowly, using just enough to achieve a workable mix.

Quenching - Lime mortars benefit from being left for 15 mins to fatten after mixing and can be reworked for up to 4 hour

Application - When repointing apply from a hawk with a tuck pointer or other suitable pointing equipment and finish the same day, or following day in cooler periods. For construction apply in the usual manner.

Tampering - To ensure good compaction and adhesion the mortar should be tampered firmly with a bristle brush as it starts to firm up, normally after 2-4 hours, this process also brings sharp aggregate to the surface creating a textured finish.

Curing - Protect the mortar from the effects of drying winds, strong sunlight, rain and frost. In warm weather mist spray and cover with damp hessian. In cold weather cover with protective layers of hessian.

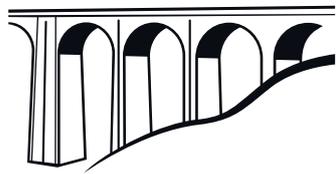
Temperature - Do not use in temperatures below 5°C or above 30°C

Equipment required -

- 6" hawk
- Bucket trowel
- Pointing Iron appropriate to joint size
- Churn Brush
- Hessian

Walls constructed/pointed 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 in listed and heritage buildings
- Good for new builds
- Environmentally friendly - Lime mortars actively absorb CO2 from the atmosphere



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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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