



Caring for your older building
Natural Breathable Sustainable Durable

Ironstone Lite Lime Mortar Data Sheet

Product

Multi-purpose, dry ready mixed Lime Mortar (just add water)

Mix Ratio – 2:5

Binder Strength – NHL 3.5

Factory blended Natural Hydraulic Lime Mortar with NHL 3.5 binder from Heidelberg Materials Socli blended with kiln dried Grit and River sand, with a high proportion of round aggregate - fine to 5mm. The sands are prewashed to remove sediment before being dried.

Usage

Suitable for applications in building conservation where the binder strength is appropriate for the host background / surface.

Coverage

After mixing, a 25kg bag will produce approximately 14.5 litres of mortar.

Advantages

- Quality controlled production
- Consistency of mix ratio
- Significantly improved workability and reduced risk of shrinkage
- Improved and even cure which offers an improved bond with the substrate.
- Extended working and finishing time.
- Can be used on high suction backgrounds.

Colours

This product is entirely natural.

Surface Preparation

Before pointing or building , clean and remove all dust and loose material from joints and masonry.

Performance

Test	Performance
Compressive strength 24 hours	0.5 N/mm ²
Compressive strength 7 days	2.1N/mm ²
Compressive strength 28 days	4.5 N/mm ²
Flexural strength 28 days	0.5-1 N/mm ²
Resistance to freeze thaw	Medium
Elasticity moduli MPa	7300
Vapour exchange Gm air x m ² x hour x mmHG	0.6
Capillary water absorption kg/m ² .min ^{0.5})	<1.0

Health and Safety

Risk Phrases	Safety Phrases
R36/37/38 Irritating to eyes, respiratory system and skin	S22 Do not breathe dust
R43 Contact with wet mortar may cause irritation, dermatitis and/or burns	S26 In case contact with eyes, rinse immediately with plenty water and seek medical advice
R66 Repeated exposure may cause skin dryness and cracking	S24/25 Avoid contact with skin and eyes
	S36 Wear suitable protective clothing



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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