

LIMELITE HERITAGE LIME MORTAR



PRODUCT DATA SHEET

LIMELITE HERITAGE LIME MORTAR

LIMELITE HERITAGE PRODUCTS

Nov18

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Description

Limelite Heritage Lime Mortar is a cement-free blend of natural hydraulic lime and selected aggregates. The mortar is highly workable and combines long term flexibility and breathability with durability. The mortar is available with two aggregate grades, 0.2 and 0.4, and a range of colours.

Uses

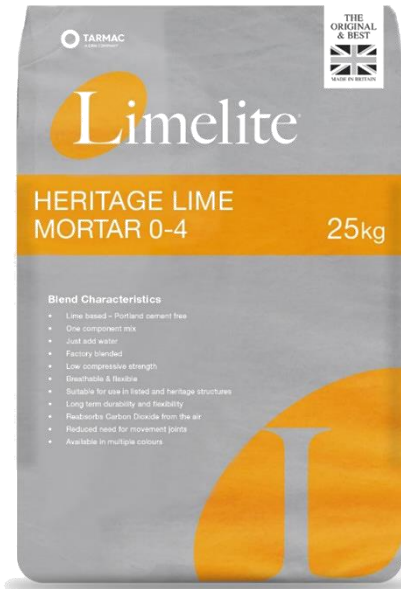
Limelite Heritage Lime Mortar is used for bricklaying, blocklaying and stone masonry work in internal and external applications. The enhanced flexibility of **Limelite Heritage Lime Mortar** means that a reduced number of vertical movement joints are required in new build structures.

Features

- Lime based, Portland cement free
- Long term durability and flexibility
- Easy to use, just add water
- Masonry walls built with **Limelite Heritage Lime Mortar** have improved breathability – increasing the resistance to frost and damp
- Lime based mortars are less susceptible to sulphate attack
- The flexible nature of **Limelite Heritage Lime Mortar** means that a reduced amount of vertical movement joints are required and this reduces the chance of cracking
- Factory supplied and quality controlled
- Suitable for use in listed and heritage buildings
- Environmentally friendly - Lime mortars actively absorb CO₂ from the atmosphere

Yield

One 25kg bag of **Limelite Heritage Lime Mortar** will lay approximately 25 bricks with a 10mm joint for a single brick skin or 1000 bricks per tonne of mortar. For re-pointing one 25kg bag will produce approximately 2.8m² with a 10mm joint. One tonne of **Limelite Heritage Lime Mortar** will lay a maximum of 1,000 no. 65mm bricks or 600 no. 100mm blocks or 430 no. 140mm blocks. No wastage factor is allowed.



Mixing

Limelite Heritage Lime Mortars should be mixed using cool, clean water. **Limelite Heritage Lime Mortars** can be mixed using a conventional Belle type mixer. The inside of the mixer should be wetted and then the contents of the **Limelite Heritage Lime Mortar** bag should be emptied into the mixer whilst stationary. Approximately 5 litres of water will be required for each 25 kg bag of **Limelite Heritage Lime Mortar**.

A small amount of the water should be added to the dry powder and the mixer should be turned on. The water should be allowed to thoroughly disperse into the mix before adding more water. Continue adding small amounts of water until 4.5 litres has been added allowing the thorough dispersion after each addition. Allow the mortar to mix for between 5 to 10 minutes and then add the remaining water to achieve the required consistency. Slightly more or less water may be required and the consistency can be checked by placing a small amount of mortar on to the back of a trowel tapping it gently and allowing the mortar to spread evenly across the face, then hold the trowel upside down at which point the mortar should remain stuck. The workability of the mortar can be improved by allowing it to stand and then remixing it just before use.

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Colours

Limelite Heritage Lime Mortar is available in arrange of 6 standard colours. A bespoke colour matching service is also available – please contact us for further details.



Technical Performance

Mortar Description	Limelite Heritage Lime Mortar 0.2	Limelite Heritage Lime Mortar 0.4
Maximum aggregate size	2mm	4mm
Lime : Sand	1:2.25	1:2.25
Typical compressive strength at 91 days	3.5 N/mm ²	3.5 N/mm ²
Resistance to freeze thaw	High	High
Resistance to sulphates	High	High
Mortar Durability Class	5-6	5-6

Technical performance is derived by laboratory testing at 20°C

Quality Control

Limelite Heritage Lime Mortar is factory blended, tested and packaged to quality control procedures in accordance with BS EN ISO 9001.

Clean Up & Spillages

Dry powders should be swept up and disposed of in accordance with Local Authority regulations.

Tools and equipment can easily be cleaned using water. Cleaning of tools and equipment should be carried out as soon as possible after application.

Packaging & Storage

Limelite Heritage Lime Mortar is available in nominal 25kg bags palletised and shrink wrapped.

Palletised **Limelite Heritage Lime Mortar** should be stored in cool dry areas clear of the ground, sheeted or under cover and stacked not more than two pallets high. The product should be used on a first in – first out basis. Shelf life is 6 months' subject to temperature and humidity.

Individual bags of **Limelite Heritage Lime Mortar** should be stored in sealed original packaging in a dry location at temperatures between 5°C and 30°C. Avoid exposure to water, frost or heat – extremes in temperatures and high humidity will lead to a reduced shelf life.

Health & Safety

Health and safety advice, which must be followed, can be found on the Material Safety Data Sheet.

Users are advised to wear protective clothing when using **Limelite Heritage Lime Mortar** including face mask, goggles, gloves and overalls when handling, mixing and applying this product. Skin contact should be avoided and any eye contact should be dealt with promptly by irrigation with clean water.

Information, Prices & Ordering

If you have any questions about choosing the right product for your particular job, or if you are ready to order, please call us on:

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