

LIMELITE HERITAGE MORTAR 1

DESCRIPTION

Heritage Mortar 1 is a lime based low strength pointing mortar.

USES

Heritage Mortar 1 is used for the pointing of masonry or brickwork mortar joints by mechanical application where the fabric of the structure is considered to be delicate.

BENEFITS

- One component mix
- Factory blended
- Low strength
- Lime based
- Portland cement free
- Maximum aggregate size 4mm

TYPICAL PERFORMANCE

Compressive Strength (BS 1881)
2.0 N/mm² at 7 days
5.0 N/mm² at 28 days

Set Time (BS EN 196)
12 hours (Initial) and
24 hours (Final)

Note: The quoted performance characteristics are derived from test specimens produced at a water to powder ratio of 0.2 (ie 5 litres per 25kg bag) at 20°C.

COLOUR

Heritage Mortar 1 is a white powder and mixes with water to give an off white mortar.

YIELD

The approximate yield of mixed mortar per tonne of dry **Heritage Mortar 1** powder is 0.57m³. The approximate quantity of **Heritage Mortar 1** powder required to produce one cubic metre of set mortar is 1.75 tonnes. These figures do not make any allowances for site wastage.

APPLICATION

Heritage Mortar 1 should be mixed thoroughly with an efficient mixer and placed with suitable equipment, for example, pressure pot units or helical screw types.

Water for mixing the powder should be clean and comply with the requirements of BS EN 1008 (as for the making of concrete).

The traditional good practice techniques applied to masonry and brickwork construction also apply to pressure pointing. The wall face should be cleaned by high pressure jet to remove dirt and vegetable or other deleterious matter. If the wall is exposed to strong sun or drying wind, the masonry or blockwork should be wetted before applying the mortar to prevent premature drying of the fresh material. The new work should also be protected from strong sun by covering with polythene or hessian.

Note that strength development and setting times are dependent on temperature and water content. Higher or lower temperatures will result in reduced or extended setting times, respectively.

CLEAN UP AND SPILLAGES

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

PACKAGING & STORAGE

Heritage Mortar 1 is available in nominal 25kg sacks, palletised and shrink wrapped. **Heritage Mortar 1** may also be available in Intermediate Bulk Containers or in Bulk Powder Tankers.

Palletised Heritage Mortar 1 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 minimum 3 months when properly stored but could be in excess of 6 months subject to temperature and humidity.

HEALTH AND SAFETY

Ensure correct protective clothing is used whilst using **Heritage Mortar 1** powder and mortar. Skin contact should be avoided and any eye contact should be dealt with promptly by irrigation with clean water.

For further information see separate Material Safety Data Sheet for **Heritage Mortar 1**, reference 60/2A.

QUALITY CONTROL

Factory blended, tested and packaged in the UK for Adomast Ltd to quality control procedure in accordance with BS EN ISO 9001 Series.