

MORTAR - TECHNICAL SHEET T09

for further information and other technical sheets please contact us on 01535 662 743



Description

Designed for gun-injection, Mortar provides a cement-free mortar for pointing soft brick or stonework.

Consistent in both colour and finish, mortars are pumped deep into the joint, providing a complete fill and a degree of flexibility. The mortar is porous allowing the passage of water through the mortar joint.

Mortar can be injected into joints as narrow as 5mm and will penetrate to a depth in excess of 100mm, allowing for the deepest of joints.

A standard range of colours is readily available. Bespoke blends, where exact matching is required, can also be formulated

Product Details/Classification

Mortar is a dry packed blend of lime complying with BS EN 459-1, GGBS complying with BS EN 15167, selected silica sands and natural aggregates complying with BS EN 13139 together with additives to provide water resistance, thixotropic properties, workability and colour.

Mortar is a traditional hydrated lime, sand, GGBS mortar.

Specification Outline

Pointing shall be carried out using Mortars manufactured by Chatsworth Stone Ltd. The product must be stored, handled and used strictly in accordance with the manufacturer's instructions.

Quality Assurance

Mortars are manufactured under a quality system conforming to BS EN ISO 9001:2008.

Typical Properties @ 20°C

Compressive Strength 9N/mm²@ 28 days
Initial Set 3 hours
Pot Life 45 mins
Density 2,050Kg/m³

Instructions for Use

Joint Preparation

In order to ensure adequate bonding of the new mortar to the masonry, it is important that the old mortar is removed, to a minimum depth of twice the joint width, and that any residual dust is removed from the joint. If the masonry is porous, joints should be wetted down prior to repointing to prevent excessive suction.

Mixing

Place 4-4.5 litres of clean water in a mixing tub and gradually add dry Mortar whilst mixing (the quantity of water will vary with the colour used). Mix in a wide shallow pan using a low speed drill and Mortar Eproblender.

Mix until a consistency of stiff cream is achieved, adding a little extra water, if required. Allow mortar to stand for approx 5 minutes. Remix with the addition of a small amount of water, if necessary. Check correct consistency by filling the tube, the mortar should hang from the end of the nozzle when the tube is shaken.

Placing

Keeping the nozzle just clear of the wall, inject the mortar into the joint, slightly overfilling, working from the top of the wall downwards.

The mortar should be tooled off after it has formed a semi-dry surface skin and lost its initial sheen. The time this takes depends upon the absorbency of the masonry. Mortar may be placed at temperatures between 5°C and 35°C. Do not carry out jointing work if rain is expected.

Fire

Mortar is non-flammable.

Yield

Each 12.5kg bag of Mortar will yield approx. 6.75 litres of mixed material.

Precautions

Health and Safety

Mortar is alkaline when mixed with water and should not come into contact with skin or eyes. Avoid inhalation of dust during mixing and wear safety glasses, dust mask and gloves. If skin contact occurs, wash thoroughly with clean water. Should eye contact occur, rinse immediately with plenty of clean water and seek medical advice.

Full Health and Safety Data are given in a Product Safety Data Sheet.

Storage and Shelf Life

This product must be stored in unopened bags, kept clear of the ground in cool, dry conditions, protected from excess draught and frost. When kept under these conditions between temperatures of 5-45°C, the shelf life of the material will be 6 months from the date of manufacture.

Packaging and Ordering

Mortar is supplied in 12.5kg valvesack bags.



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