

# MASONRY MORTAR

## PRODUCT DATASHEET

### 1. APPLICATION

Brick, block, stone and general masonry repairs.

### 2. INTRODUCTION

Manufactured in our state-of-the-art plant with regular testing at every stage of the process. We carefully blend our high-quality raw materials and additives to ensure a consistent product is delivered to site. Our silo mortar has excellent workability, good water retention along with a uniformed appearance.

#### Product

Materials used to manufacture our products comply to the following standards:

Sand	BS EN 13139
Cement	BS EN 197-1
Lime	BS EN 459-1
Admixtures	BS EN 943-3
Pigments	BS EN 12878

All products are manufactured under a registered ISO 9001 Quality System.

### 3. DESCRIPTION

#### Mortar Designation

The available strength designations when specifying mortars are as follows:

BS EN 998-2 Mortar Class	M2	M4	M6	M12
28 Day Prism Strength N/mm2	2	4	6	12

### 4. SILO

Tillicoultry Quarries Mortars & Renders Ltd. silos are delivered to site complete with mixer and control panel. Once power and water supplies are connected, mortar can be produced as required by a touch of the button. The rate at which water is added can be controlled to achieve the required consistency. We will carry out a site survey at an early stage of the project to discuss and advise the most suitable location for placing the silo and ensure that access for all placement and delivery vehicles is safe and suitable.

The silo will usually arrive containing 14 tonnes of material and will be re-filled by one of our specialised tankers with either 20 or 28 tonne loads when required.

### 5. BAGS

Our mortars are also available in 25kg bags.

#### Mixing

Using a concrete mixer or a slow speed paddle mixer.

As a guide add 3-4.5 litres of clean water, empty contents of the 25kg bag and mix thoroughly for 10 minutes.

The quantity of water may vary depending on the substrate and weather conditions.

Some substrates may require further preparation to control absorption.

### 6. HEALTH & SAFETY

For Health and Safety information please see MSDS.

### 7. TECHNICAL

#### Colour Range

Our masonry mortars are available in a wide range of colours to meet specific design requirements. Sample bag and stick samples are available on request.

#### Mortar Bed Finish

Ensure any mortar pointed is done at a consistent stiffness with clean and dry tools. Failure to do so may result in colour variation.

#### Testing

Results based on prisms in accordance to BS EN 1015: 11

#### Colour Variance

All products are manufactured from natural raw materials which may result in slight variation in shading. Whilst every care is taken to ensure consistency, no guarantees can be given to this effect and where a colour is selected it is essential that a test panel is built to ensure the end finish is to the satisfaction of the client.

Ensure any mortar pointed is done at a consistent stiffness with clean and dry tools. Failure to do so may result in colour variation.

*\*Please see our Silo Guide for more information about the site requirements*