

THE MORTAR & SCREED COMPANY

LTD

THE OAKLANDS, ADMASTON, TELFORD, SHROPSHIRE, TF50AN

TEL: 01952 224202 FAX: 01952 223932

Product Data Sheets RTU Mortar – Data Sheet No. 1

Introduction

The Mortar & Screed Company's Ready-to-use mortars are factory produced from our state of the art fully automated batching plant. All our RTU mortar is suitable for use in all types of masonry construction including groundworks. We provide mortar which is ready to use at a perfect consistency without the need of further mixing and placed directly into portable tubs. We also provide a collection service whereby someone can pre-order an amount for collection. All The Mortar & Screed Company's mortar provides excellent durability and consistency.

Technical Information

All mortars supplied by The Mortar and Screed Company Ltd. are produced and manufactured to the requirements of BS EN 998-1 & BS EN 998-2 under a quality system externally audited and certified to ISO 9001.

The Mortar and Screed Company Ltd. offer a comprehensive technical sales support service for specifiers and customers.

Appointments can be booked for site visits and we welcome an invite to pre-start meeting.

Constituents & Manufacture

All constituent materials used in the production of all of The Mortar & Screed Company's products are carefully selected, accurately proportioned to ensure a consistent finished product. Admixtures are used to ensure the mortar remains workable for a predetermined amount of time, usually 36 hours and 72 hours to fulfil site requirement.

Strength and Durability

When specified correctly and used in accordance to Codes of Practice the mortar

supplied will last the design life of the build.

All The Mortar & Screed Company's RTU mortar provides excellent durability due to the carefully selected materials used and accurately proportioned mixing.

Our RTU mortar will provide a consistence that would be extremely difficult to replicate with site mixed material.

Compatibility

All The Mortar & Screed Company's RTU mortar is compatible with standard building products.

Mortar Class and Strength

Mortar Product BS EN 998-2	Class iii	Class ii	Class i
Minimum Compressive Strength (Nmm ²)	4	6	12

Density

Typical Results	Density (kg/mm ³)
Fresh Wet Sample	1700-1900
Dried & Cured	1550-1750

Freeze Thaw Resistance

Frost resistance of masonry depends on the correct specification of suitable materials, the prevention of rain penetration by the design of the build, having followed Codes of Practice. Controlled cement contents and correct air contents will help reduce the effect of freeze thaw damage.

Delivery and Storage

RTU mortar should be stored in purpose built

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tubs and protected from the weather. The delivery driver will place a plastic sheet on the top of each tub to protect the mortars surface from drying out and crusting over. Protection from excessive rain, frost and extreme heat is necessary.

In hot conditions and when the mortar is not being used instantly (over a weekend etc.) 5 litres of water can be poured on the top of the mortar beneath the plastic sheet to help protect the mortar.

In winter mortar should be protected by means of an insulating cover or storing the mortar under cover.

Coloured Mortars

With an additional cost all our mortars can be supplied with the addition of pigments. This enables the builders or designers to match existing backgrounds as well as unleash their own creativity and construct a completely bespoke build. All pigmented mortars are guaranteed colour consistent whereas natural products are not.

Sample panels are always recommended to be built to guarantee the correct colour is used.

Samples can be requested free of charge to build sample panels for architects and planners approval.

Economics

The Mortar & Screed Company Ltd supplies mortar by volume and cubic metre will typically lay:

Masonry Type	Amount
Solid Brick	1750-2400
Frogged / Perforated	1350-1800
Block (100mm)	800-1000

The information supplied above applies to single skin bond structure and will understandably be more for double thickness.

Placing an Order

When ordering, please be aware of the required

mortar class, quantity in cubic metres and your preferred time of delivery. The Mortar & Screed Company's mortar tubs are 0.25m³ but sites can often use other sizes, if other sizes are being used please inform the order office at the time of ordering.

Prices

Prices will vary according to mix designs, quantity and delivery locations. For a precise quotation please call our sales office on 01952-254101.

Power & Acid Washing

The mortar must have cured for a minimum of 28 days prior to any power washing taking place, this will allow the mortar to gain its desired strength. Any acid washing must be tested on a small out of sight panel to ensure suitability. The correct dilution and power output from the jet-wash must be observed, please refer to their product data sheets and method statements.

Highly concentrated solution and power washing may cause premature erosion of mortar joints.

The Mortar And Screed Company Ltd will not accept liability for the durability of mortar that has been subjected to cleaning products that are designed to dissolve cementitious products.

Health & Safety Information

Contact with wet cement can cause serious burns and can lead to contact dermatitis. All who may come into contact with wet cementitious mortar must read and understand our safety data sheet use the correct personal protection equipment.

Please refer to our RTU safety data sheet.

Further Requirements

If you require any further information or technical support with any of our range of products please do not hesitate to contact us on 01952254101 or info@mortarandscreed.co.uk.