

# Ready to Use Mortar

PM02	PM12	PM22	PM32	PM42	PM52	PM62	PM72	PM82	PM92	PM94	PM101	PM102	PM101
PM04	PM14	PM24	PM34	PM44	PM54	PM64	PM74	PM84	PM94	PM96	NAT WHITE	PM104	PM103
PM06	PM16	PM26	PM36	PM46	PM56	PM66	PM76	PM86	PM96	PM98	NAT	PM106	PM105
PM132	PM152												
PM134	PM154												
PM136	PM156												

## READY TO USE MORTAR

Marshall's Premier Mortars and Screeds provide ready to use mortars, delivered direct to site or collected from your local depot, in small or large quantities at competitive prices to meet your requirements.

## TECHNICAL AND AUTHORITY

All Marshall's Premier Mortars and Screeds ready to use mortars are manufactured to the requirements of BS EN 998-2 under a quality system certified to ISO 9001 are CE certified and are regularly tested to the requirements of the latest British and European Standards.

## MATERIALS AND MANUFACTURE

All Marshall's Premier Mortars and Screeds ready to use mortars are pan mixed and accurately controlled at our state of the art manufacturing facilities. We blend carefully selected materials to ensure a consistent product to fulfil your requirements.

## STRENGTH AND DURABILITY

When specified correctly and used in accordance with the current Codes of Practice our mortars will last the design life of the structure.

Quality control and testing ensure the mortar specified will exceed the minimum strength requirements and provide greater consistency than site mix mortars.

Air entraining admixtures are utilised in our mortars to provide the desired plasticity, reduce bleeding and provide increase frost resistance in its hardened state.

## SELECTION OF MORTAR

Reference should be made to the latest Codes of Practice before selecting a mortar type for a specific application.

Our entire ready to use mortar range are set retarded to provide adequate workable life to suit the speed of construction. Once setting commences they will perform identically to site mixed and silo mortars.

## COLOURED MORTARS

For a little additional cost coloured mortars can help you realise significant aesthetic improvements to your project. Coloured mortars can be used in individual areas to create elegant effects.

We are able to offer our full range of mortars in a large variety of colours and provide a colour matching service and samples to assist in making your decision.

Please see out colour chart for an indication of the range of colours available.

## SITE PRACTICE

Please consult the current Codes of Practice for full recommendations.

## STORAGE

Ready to use mortar should be stored in tubs protected from excessive rain, frost and drying conditions.

## MARSHALL'S PREMIER MORTARS BS EN 998-2 DESIGNED MORTARS TECHNICAL SPECIFICATIONS

Product Name	M4	M6	M12
Compressive Strength	4N/mm <sup>2</sup>	6N/mm <sup>2</sup>	12N/mm <sup>2</sup>
Reaction to Fire	Class A1		

## READY TO USE MORTAR

Mortar Class BS EN998-2 Designation	Traditional Mortar Class Designation	Compressive Strength N/mm <sup>2</sup>	Initial Shear Strength N/mm <sup>2</sup>
M12	I	12	0.15
M6	II	6	0.15
M4	III	4	0.15

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## USE AND SETTING

The normal setting time depends on sufficient suction from the brick or block. If the unit is saturated or frozen the bond between the unit and the mortar will be impaired and adequate hydration of the cement may not take place.

During dry periods or when using a high suction unit some dampening of the units may be required to prevent excessive moisture loss from the mortar which may cause incomplete hydration of the cementitious components.

Ready to use mortar should never be used frozen or when freezing conditions are expected.

All mortars containing cement may contribute to the corrosion of zinc or aluminium in exposed or continually wet conditions.

All newly erected masonry should be protected until the mortar has gained sufficient strength to resist the prevailing weather conditions and to be self supporting to resist collapse.

After the initial set of mortar has begun ready to use mortars should not be used or retempered with water.

Any workability reduction through evaporation whilst in transit or stored on site may be corrected by the addition of small amounts of water. Sites water is Permissible

## IN SITU PERFORMANCE

The in situ performance of mortar is heavily influenced by the quality of workmanship on site. All work should be conducted in accordance with the latest British and European Standards and Codes of Practice.

## ACID TREATMENT AND WASHING

The use of acids and other cleaning materials can dissolve the cementitious components of mortar and is damaging to the long term performance and durability.

Pressure washing will cause premature erosion of the mortar joints therefore we recommend that no more than domestic water pressure be used to wash masonry.

Marshalls Premier Mortars and Screeds cannot accept any liability for the durability of mortar treated with cleaning materials that dissolve cement or that has been subjected to pressure washing.

## FROST AND RAIN RESISTANCE

The frost resistance of masonry depends on the specification of suitable materials, good workmanship and site practice and that the correct joint profile is achieved and maintained.

Resistance to rain penetration is important to durability and the current Codes of Practice should be followed.

## HEALTH & SAFETY

Contact with wet cement or cement containing preparations can cause severe burns and contact dermatitis. Please consult our health and safety data sheet for further details.