



Suppliers of quality mortars, screeds and ready-mixed concrete

Ready to Use Mortars

Eco-Readymix provide ready to lay to use mortars, delivered direct to site or collected from your local depot, in small or large quantities and at competitive prices to meet your requirements.

With a range of vehicle types and delivery methods at our disposal, we are confident that we can deliver your mortar where you need it – when you need it.

Materials and Manufacture

All Eco-Readymix 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 fulfill your requirements.

Technical and Authority

Eco-Readymix mortars are manufactured to the requirements of BS EN 998 Part 2 under a quality system certified to ISO 9001 and are regularly tested to the requirements of the latest British and European Standards.

Strength and Durability

When specified correctly and used in accordance with the current codes of practice our mortars will last the design life structure. Quality control and testing ensure that the mortar specified will exceed the minimum strength requirements and provide greater consistency than site mixed mortar.

Air entraining admixtures are utilised in our mortar to provide the desired plasticity, reduce bleeding and provide increased frost resistance in its hardened state and improves long term freeze thaw resistance.

Eco-Readymix BS EN 998-2 Prescribed Mortars Technical Specifications

	Class 3	Class 2	Class 1
	1:6	1:4.5	1:3
Nominal Strength	4N/mm ²	6N/mm ²	12N/mm ²
Initial Shear Strength	0.15N/mm ²		
Contents of Chloride	<0.1% Cl		
Reaction to Fire	Class A1		
Water Vapour Permeability	μ15/30		
Thermal Conductivity	(λ _{10,dry})0.83W/mK		

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 mortars 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.



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Coloured Mortar

For a very 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 individual and 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 selection.

Site Practice

Please consult the current codes of practice for full recommendations.

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 will not take place.

During dry periods or when using high suction units some dampening of the units may be required to prevent excessive moisture loss from the mortar which may cause incomplete hydration of the cementitious component of the mortar. Please consult the unit manufacturer for full recommendations.

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 prevailing weather conditions and to be self-supporting to resist collapse.

After the initial set begins, ready to use mortars should not be re-tempered 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.

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 mortar joints therefore we recommend that no more than domestic water pressure be used to wash masonry. Eco-Readymix cannot accept any liability for the durability of mortar treated with cleaning materials that dissolve cement or that has been subjected to pressure washing.



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Frost and Rain Resistance

The frost resistance of masonry depends on the specification of suitable materials, good workmanship and good site practice being adopted 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 and Safety

Contact with wet cement or cement containing materials can cause severe burns and contact dermatitis. Please consult our health and safety datasheet for further information.
