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DRY SILO MORTAR

CEMEX dry silo mortar provides an innovative and efficient solution to mortar delivery, particularly to larger sites. The guaranteed colour, consistency and controlled workability are backed up by CEMEX'S excellent training and support. With one of the largest available tanker fleets in the country, we can offer a first class replenishment service.



EXPERTS IN MORTAR

CEMEX Mortars are available in ready-to-use, lime:sand or dry silo options providing the perfect solution for every situation. Our experts can advise on conformity to standards as well as strengths, colour and working with different brick and block options. At our centrally based research and development centre, the team can support you further with special mix designs, durability and colour specification. All CEMEX mortars conform to British and European standards and are factory produced for consistency and reliability.

NATIONAL COVERAGE



For national support contact
our Product Helpline on
0800 667 827

- Product enquiries
- Specification Advice
- Literature Requests

- Quality
- Consistency
- Reliability
- Expertise
- Support
- Professionalism
- Dedication
- Passion
- Relationships
- Delivery
- Sustainability
- Heritage

ABOUT CEMEX

CEMEX is a growing global building company pursuing innovative industry advancements whilst promoting a sustainable future. Annual sales in over 50 countries exceed US\$ 15 billion. The company is one of the world's leading suppliers of ready-mixed concrete, one of the largest producers of aggregates, and among the world's top traders of cement and clinker. CEMEX employs over 50,000 people worldwide.

In the UK, CEMEX is a leading provider of readymix concrete, aggregates, screed, cement and asphalt. CEMEX UK also has a significant share of the roof tile, concrete block paver and concrete block markets, and is the leading supplier of concrete sleepers to the rail industry.

For more information contact our Mortar Helpline

Tel: 0800 667 827
E-mail: gb-enquiries@cemex.com



Dry Silo Orders

Tel: 01926 811133



Or visit our website at

www.cemex.co.uk/mortar

To find your nearest plant visit

www.cemexlocations.co.uk

To download our latest literature visit

www.cemexliterature.co.uk

For more information on CEMEX'S RIBA CPDs please contact our Mortar Helpline

Tel: 0800 667 827
E-mail: gb-enquiries@cemex.com

The information contained in this publication was accurate at the time of production, however CEMEX reserves the right to introduce modifications or changes to detail at any time, as part of a policy of continuous improvement.

This paper is produced from pulp sourced from properly managed sustainable forests, is elemental chlorine free, uses up to 20% best white waste and is totally biodegradable.

EXPERTS IN MORTAR™

READY-TO-USE DATASHEET



From a small domestic extension to a major multi-storey development, CEMEX ready-to-use mortar is ideally suited to every application. With a proven track record of delivering consistently high quality factory produced mortar and excellent support, CEMEX ready-to-use is the flexible option.

Ordering couldn't be simpler through our dedicated sales support teams. And even though our ready-to-use mortar is guaranteed to last two working days, as little as one cubic metre can be ordered with only 24 hour's notice. Ready-to-use mortar can be delivered to site, avoiding interruption to work schedules, either ready to discharge into site containers or disposable containers for smaller applications.

As ready-to-use mortar requires no further mixing and has excellent workability, it is highly efficient. Our skilled specialists understand how to maximise material usage and minimise waste and will support you with advice on retardation, ordering and delivery schedules.

With a dedicated logistics team fully trained to understand the needs of our mortar customers, we are experienced in delivering to all site situations, including built-up inner-city areas.

Mortar designation BS 5628	Nominal proportions by volume	
	Cement:Sand	Cement : Lime :Sand
i	1:3	1:¼:3
ii	1:3-4	1:½:4-4½
iii	1:5-6	1:1:5-6
iv	1:7-8	1:2:8-9

READY-TO-USE MORTAR, THE FLEXIBLE OPTION

Precision manufacture

Ready-to-use is manufactured from precisely weight-batched materials, under carefully monitored conditions to ensure optimum quality. Both the finished product and all component materials comply with relevant British and European Standards.

Colourful solutions

Ready-to-use can be manufactured in a wide selection of colours to match design requirements. Accurate pigment addition ensures consistent colour throughout the mix, and we only use pigments that conform to the relevant standards.

Durability and resistance

The tightly controlled manufacture of Ready-to-use results in an extremely durable product. The range also demonstrated superior resistance to penetration by rain water, which can greatly prolong the life of your masonry construction as well as reducing heat losses and increasing comfort levels.



• Consistent colour, quality, strength and composition

• Ready to use with no further mixing

• Superb workability without excessive air content

• Effective life of two working days

• Superior resistance to penetration by rain water

EXPERT GUIDANCE

Ready-to-use mortars should be stored on level, dry areas at a safe distance from other trades and site traffic. When not in use the material should be kept in covered tubs to prevent:

- Saturation caused by rain
- Excessive drying out during warm weather
- Freezing during frosty weather

Working in hot conditions

The primary concern during hot weather is the evaporation of water from the mortar and a reduced board life. If sufficient water is not present, the bond between the mortar and brickwork may be reduced. Ready-to-use tubs should be kept covered and all material, equipment and mortar boards kept in the shade at all times. Tubs and mortar boards should also be rinsed with cool water before they come into contact with the mortar.

Under hot, dry and windy conditions bricks and blocks should be laid more rapidly after placing the mortar. It is also recommended that newly laid masonry is protected against excessively rapid drying by covering with sheeting or damp hessian or similar sheeting in extreme conditions.

Working in cold conditions

Mortar strength development generally occurs at temperatures over about 4°C. Therefore it is recommended not to lay masonry when the temperature falls below this as the characteristics may be affected, especially during periods of freezing conditions.

Mortar tubs should be adequately covered to provide protection against rain, frost and snow. During prolonged periods of very cold weather, it is best practice to store the material away. Do not use mortar that contains ice particles or lay mortar on frozen surfaces.

All bricks and blocks should also be adequately covered to provide protection against rain, frost and snow. Masonry that is saturated should not be laid, or when there is a danger of freezing.

As mortar hardens more slowly in cold weather, all newly laid masonry should be covered to provide protection against rain, frost and snow. Unless the work is protected there is always the risk that water in the mortar and masonry will freeze. If there is any danger of this, then consider using an insulating layer like hessian or quilting, which should be kept dry by covering with waterproof sheeting. Position the protective covers away from facework to avoid "sweating" and consequent staining. Secure the covers to prevent them from being dislodged by wind and allow the masonry to dry out before removing.



Materials management checklist

Help us to help you by considering the following:

- Telephone your order by 12:00 noon to ensure next day delivery
- Consider afternoon deliveries
- Remember Ready-to-use has a 2 day working life which will allow you to order for 2 days
- Ensure tubs are free from rubbish to avoid contamination
- Assemble clean tubs in one area only, ready for discharge of mortar, resulting in our driver spending minimum amount of time on site and your bricklayers having maximum time using mortar

Usage volumes per 1m³

Material being layed	Quantity
Solid brick	1900
Frogged brick	1700
Perforated brick	1300
100mm block	800
140mm block	600
190mm block	400
Foundation block	300