



Readymix Muscat LLC
Premix LLC
a business partner of Lafarge
Ultra Series is a brand of Lafarge

Ultra™ *series*

STABILISED MORTAR



Ultra Series™ Stabilised Mortar

Ultra Series™ Stabilised Mortar is a ready to use masonry mortar delivered to the jobsite by a Readymix/Premix truck mixer. The mortar will allow excellent workability for up to 30 hours depending on your product selection. However, it is also like conventional mortar in that it will also begin the setting process the moment it is in contact with an absorbing substrate (bricks, block etc). It requires no further mixing on the jobsite.

Applications

- Can be used for structural and non-structural walls depending on the compressive strength of the mortar chosen.
- Suitable for above or below the damp proof course.

Ultra Series™ Stabilised Mortar benefits

Ready to use

Ultra Series Stabilised Mortar is batched in a Readymix/Premix plant and is supplied direct to the jobsite. It is ready to be used either immediately or later in the shift as requirements dictate.

Consistently high quality

The dosage and the compressive strength of the mortar is guaranteed when manufactured in Readymix/Premix plants with advanced computer batching systems.

Reduction in waste

On site waste is significantly reduced as, unlike traditional site mixed mortar, Ultra Series Stabilised Mortar keeps its workability for up to 30 hours and can be transported anywhere within the site throughout the shift.

Greater project flexibility

You can increase your capacity for masonry work as the project schedule demands without additional expenses of new mixers.

Significant productivity savings

Block layers/masons don't have to make the mortar as they have stabilised mortar available and ready to use throughout their shift. Traditional mixing and transportation time costs are eliminated.

Reduced hidden project costs

Reduction of hidden costs associated with traditional site mixed mortar such as electricity, water, wastage and downtime.

Prevention of materials theft

No theft of raw mortar materials normally left on site.

Optimised site space utilisation

Raw material storage is removed, creating more space for project activities and allows project managers to meet local regulations in congested areas and large to medium jobsites.

Optimisation of the crane/forklift

Ultra Series Stabilised Mortar can be placed around the site by the crane or forklift at the beginning of the day. After that there is no requirement to use the crane to lift any further materials for mortar.

Deliveries

Ultra Series Stabilised Mortar can be supplied in the required quantities with a minimum delivery quantity of 1m³. Arrangements can be made to pick up the mortar from a Readymix/Premix plant if preferred.



Types of mortar	Compressive Strength (N/mm ²)@28D	Workability hours (h)	Applications
Ultra Series Stabilised Mortar M5	5	12h or 30h	Concrete block/brick laying for non-structural masonry walls
Ultra Series Stabilised Mortar M7.5	7.5	12h or 30h	Concrete block/brick laying for non-structural masonry walls
Ultra Series Stabilised Mortar M11	11	12h or 30h	Concrete block/brick laying for structural masonry walls

Density: 1,700 to 1,900Kg/m³
 Air percentage: approximately 16% to 20%
 Pumpability: Block mortars can be pumped.

LOGISTICS

Ultra Series Stabilised Mortar is normally delivered early in the morning, before the beginning of the workday. Alternative delivery times can be arranged on request.

Ultra Series Stabilised Mortar should be stored onsite in tubs or containers that should remain covered until the mortar is used.

Readymix/Premix is able to provide 0.25 cubic metre mortar tubs that are designed to allow full flexibility to locate and supply Ultra Series Stabilised mortar to multiple locations on site.

PRECAUTION OF USE

- Never use stabilised mortar for screeds, paving or on any non-porous material.

- When not being used for extended periods of time, cover the mortar with a plastic sheet and 1cm layer of water. This residue water may be mixed into the mortar before the next use if required.
- Never remix mortar with water after the commencement of setting time.

USAGE VOLUMES PER CUBIC METRE

- Blocklaying (including 10% of losses)

Blocks dimension LxDxH (cm)	No. of Blocks/m ³ of Mortar
40 x 10 x 20	600
40 x 15 x 20	500
40 x 20 x 20	400

AUTHORITY

Ultra Series Stabilised Mortars comply with BS 4721, Section 3, 1981, Specification for Ready Mixed Building Mortars when tested in accordance with BS 4551, 1980, Methods for Testing Mortars, Plasters and Screeds. All constituent materials comply with their relevant British Standards. Locally sourced sand complies with BS 1199/ BS 1200.

ASTM C 270 - 91a - Standard Specification for Mortar for Unit Masonry.

Material Safety Data Sheets are available on request.



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