

# Ultra™ *series*

## Stabilized Morbricks



Stabilized Morbricks is a series of different grades of high quality premixed mortar batched in Lafarge's concrete plant, delivered to site ready to use. No addition of water or other raw materials is required on site.

The product will ensure that you receive the finest quality of mortar on site, allowing excellent workability for up to 36 hours. However, it is also like conventional Mortar in that it will begin the setting process once in contact with absorbing substrate (bricks, concrete block, etc).

The product does not require additional mixing provided it is kept covered with plastic or HDPE (high density polyethylene sheet) while not in use.

### Benefits:

- Ready to Use**  
 Stabilized Morbricks is batched in a Lafarge concrete plant and supplied right to the job site.
- Consistent High Quality**  
 The dosage and the compressive strength of the Stabilized Morbricks are guaranteed when manufactured in Lafarge plants with advanced computer batching systems.
- Reduce Construction Time**  
 Stabilized Morbricks allows efficient utilization of the labor force as no mixing is required on site.
- Reduction in Waste**  
 On site, waste is significantly reduced as, unlike traditional site mixed mortar, the product keeps its workability for up to 36 hours and can be transported anywhere within the site.

- **Significant Productivity Savings and Hidden Costs Reduction**  
Traditional mixing and transport costs of raw material (sand, cement bags, etc.) are eliminated.

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

- **Optimized Site Space Utilization**  
Stock of cement bags and sand is no longer needed. Raw material storage is removed, creating more space for project activity and allows project managers to meet local regulation.
- **Prevention of Material Theft**  
No raw material stock required on site any more
- **Deliveries**  
Stabilized Morbricks can be supplied in the required quantities with a minimum quantity of 1m<sup>3</sup>.

Lafarge can provide mortar tubs (plastic containers) that are designed for its morbricks products. The mortar tub has 0.33m<sup>3</sup> capacity and can be lifted with crane.

Types of Morbricks	Classification according to: EN 998-1: 2003	Compressive Strength (Mpa) at 28 days	Workability Hours	Recommended Applications
Stabilized MorBricks M03	M2.5	3 Mpa	12 hours or 36 hours	Concrete block / brick laying for non structural masonry walls
Stabilized MorBricks M05	M05	5 Mpa		Concrete block / brick laying for non structural masonry walls
Stabilized MorBricks M10	M10	10 Mpa		Concrete block / brick laying for structural masonry walls

*“We aim to deliver an excellent customer experience through service, quality, accountability and value“*



## General Guidelines

### Logistics:

- Stabilized Morbricks is normally delivered early in the morning, before the beginning of the workday. Alternative delivery times can be arranged on request.
- Stabilized Morbricks should be stored on site in tubs or containers that should remain covered until the mortar is used.
- Lafarge is able to provide 0.33 m<sup>3</sup> mortar tubs that are designed to allow full flexibility to locate and supply Stabilized Morbricks to multiple locations on site.

### Precautions of Use:

- Never use stabilized Morbricks for screeds, paving or on any non-porous materials.

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

### Usage: volume per m<sup>3</sup>:

Blocklaying (including 10% of losses)

Blocks dimensions LxDxH (cm)	No. of blocks/m <sup>3</sup> of morbricks
40 x 10 x 20	600
40 x 15 x 20	500
40 x 20 x 20	400

### Authority:

Stabilized Morbricks comply with:

- JS 10036-part 1-2007
- EN 998-1 2003
- ASTM C270-91a-standard specification for Mortarbricks for Unit Masonry

### Safety Precautions:

The use of safety goggles, gloves and suitable footwear is recommended when placing concrete.



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