MB 60

DATA SHEET

Bio white mortar for facing brick walls, for interiors and exteriors

Interior/Exterior

Sack

Silo

By hand

Composition

MB 60 is a premixed dry white mortar composed of natural lime, hydraulic binder, graded sands and water repellent material.

Supply

- Loose in silos
- special sacks with protection against moisture, approx. 25 kg
- * Depending on the country of destination, some sales formats may not be available

Use

MB 60 is used as mortar for exposed brickwork, whenever a lighter mortar colour is desired, thus requiring the absence of grey Portland cement.

Mixing

Add 21-23% of clean water and mix using a horizontal shaft mixer or, for small quantities, by hand or mechanical stirrer. Mixing time must not exceed 3 minutes. MB 60 in bulk is mixed using a horizontal mixer connected directly to the silo station (by gravity feed), or alternatively, by using a pressure silo and conveyor system, it can be mixed using a floor-mounted mixer. The mixed mortar must be applied within 2 hours.

Warnings

- Product for professional use.
- Always consult the safety data sheet before use.
- Avoid freezing and quick drying of the fresh grout. As the hardening of the mortar depends on the air setting of the lime and the hydraulic setting of the binder, a temperature of +5°C is suggested as a minimum value for application and proper hardening of the mortar. Below this value setting would be delayed considerably, and below 0°C the fresh or partially hardened plaster may be broken up by frost.
- Due to the nature of the raw materials used (natural sands), uniformity of colour cannot be guaranteed between different supply lots. As a result, all the material required to finish the job should be acquired from the same batch.
- It is recommended to make sure the mixing methods, mixing time and percentage of mixing water remain constant: variations in these parameters may cause differences in the product colour shades.

MB 60 must only be used in its original state without the addition of other materials.

Storage

Keep dry for a period not exceeding 12 months. Once the product has expired, it must be disposed of in accordance with the current legislation.

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Quality

MB 60 is subjected to careful and constant testing in our laboratories. The raw materials used are rigorously selected and controlled.

Technical Data

Specific gravity of the powder	approx. 1,400 kg/m³
Granulometry	< 1.5 mm
Minimum thickness	10 mm
Mixing water	21-23%
Yield	approx. 16 q of dry mortar to obtain 1,000 l of wet mortar (one 25 kg sack makes approx. 15.5 l of wet mortar)
Density of hardened mortar (EN 1015-10)	approx. 1,800 kg/m³
Compressive strength after 28 days (EN 1015-11)	> 10 N/mm²
Modulus of elasticity after 28 days	approx. 8,000 N/mm²
Water vapour diffusion resistance factor (EN 1745)	μ = 15/35 (tabulated value)
Capillary water absorption coefficient (EN 1015-18)	$c \leq 0.30$ kg/m²·min$^{0.5}$
Radioactivity index (UNI 10797/1999)	I = 0.05 ± 0.01
Classification according to 998-2	M10

The above information refers to laboratory testing; it is possible that in practical applications on site these may differ considerably according to the conditions in which the material is applied. In any case the user must check that the product is suitable for the intended application, taking all responsibility for its use. Fassa reserves the right to make technical modifications without notice.

Technical specifications regarding the use of Fassa Bortolo products for structural or fire prevention applications will only be officially valid if provided by Fassa Bortolo's "Technical Service" and "Research, Development and Quality System". If necessary, contact Technical Service in your country of reference (IT: area.tecnica@fassabortolo.com, ES: asistencia.tecnica@fassabortolo.com, PT: assistencia.tecnica@fassabortolo.com, FR: bureau.technique@fassabortolo.fr, UK: technical.assistance@fassabortolo.com).

Please note that for the aforementioned products, the assessment is required by the appointed professional, in accordance with regulations in force.

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