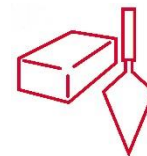


WATERPROOF MASONRY MORTAR

BIKMOR 2001 M10



Product description

- Premixed dry mortar, based on cement, limestone sand with a selected grain size and chemical additives.
- Colour range:
 - Grey → **BIKMOR 2001 Ę M10**
 - White → **BIKMOR 2001 Ę M10B.**
- All the products can be manufactured in the **W2** high waterproof type.
- On request it can be supplied in different colors or with special additions (fibers, ...)


Applications

- Masonry work such as building of brick walls, concrete walls, partitions, etc.
- Highly resistant.
- Excellent workability.
- Suitable for working with bricks, sand lime bricks, concrete blocks or thermo-clay blocks.
- For rendering work we recommend using the BIKMOR 2002 range (manual render) or the BIKREV range (sprayed render).

Precautions

- Check that the product to be used is suitable for the type of support and the type of work that is going to be carried out.
- Always mix the product using the recommended amount of water and do not add cement, sand or any other product that will modify the original formula.
- Once the life cycle of the paste has been exceeded, do not add water to re-mix.
- The ambient temperature during the application of the product must be between 5° C and 35° C.
- Avoid breathing the powder and contact of the mixed product with the skin and the eyes. For more information consult the applicable Safety Data Sheet.

Standards

 0099
Morteros y Revocos BIKAIN, S.A. B/Aldebarrena, no. 18 48212 (Mañaria)-Bizkaia 04 DdP No. : M1
EN 998-2 BIKMOR 2001-M10 / M10B Industrial mortars for normal masonry work on brick walls, pillars and partitions
Compressive strength: .Class M10 (≈ 10 N/mm ²) Bond strength: $\bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o}$.0.15 N/mm ² <i>(tabulated value)</i> Chloride content: $\bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o}$ max 0.1% Reaction against fire: $\bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o}$.Class A1 Water absorption: $\bar{o} \bar{o} \bar{o} \bar{o}$.W1 m0.4 kg/m ² .min ^{0.5} $\bar{o} \bar{o} \bar{o} \bar{o}$.W2 m0.2 kg/m ² .min ^{0.5} Permeability to water steam (λ_{10dry}): $\bar{o} \bar{o} \bar{o}$. μ 15/35 <i>(tabulated value)</i> Thermal conductivity: $\bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o}$.0.82 W/mK <i>(tabulated value P 50%)</i> Durability: $\bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o}$..PND

Other technical characteristics

- **Appearance:**.....Grey/ white powder
- **Grain size:**0-2mm (grey) / 0-1.5mm (white)
- **Workable life (UNE-EN 1015-9):** 90 min.
- **Bulk density of fresh mortar (UNE-EN 1015-6):**
 $\bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o}$.2.0 \pm 0.1(gr/cm³)
- **Bulk density of hardened mortar (UNE-EN 1015-10):**
 $\bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o}$.1.8 \pm 0.1(gr/cm³)
- **Water % (consistency 175 \pm 10 mm UNE-EN 1015-3):**
 $\bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o} \bar{o}$ 14-15% (grey) / 15-16% (white)
- **Theoretical yield:** Approx. 620 (l/ton)
- **Custom tariff**..... 3824.50.90.00

Usage instructions

- Add water (approximately 3-3,5 liters/sack for grey and 3,5-4 liters/sack for white) and mix manually or mechanically until a homogeneous consistency is achieved.
- To facilitate a good adherence of the product to the support and a proper curing, dry or highly absorbent parts must be slightly moistened.
- Avoid freezing temperatures, strong winds and exposure to intense sunlight. Never use on frozen surfaces.
- In humid environments and on supports with a low absorption rate, the setting time is extended. In very dry weather the setting time is shortened.

Supply

- In 20 and 24 m³ silos, which can be refilled at the work site using tank trucks.
- The silos may include equipment for automatically and continuously elevating the product as needed for the work.
- In 25 kg paper sacks Palletized in 60 sacks/pallet (1500 Kg).
- The supply will follow the General Terms of the Contract that is in force.

Storage

- In silos we guarantee that the characteristics of the product are maintained intact for two months from the manufacturing date.
- Storing in sacks guarantees that the characteristics of the product are maintained intact for one year from the manufacturing date, as long as they are kept in a location that is under cover and dry.

Customer/ technical service

- In case of doubt regarding the selection, use or application of the products, first consult with our Customer/Technical Service Department.
- If you need a specific product, our Customer/Technical Service Department will help you determine your specific needs and will provide the best solution for your needs.

Remarks

- *Our technical advice, whether the advice is provided verbally or via tests, is provided according to the best of our knowledge but shall be considered only as a recommendation WITHOUT OBLIGATION. Since we are not involved in the execution of the works, the information is provided for general purposes and is not legally binding for BIKAIN.*
- *The technical sheet cannot include all the applications and factors involved with using a material. Therefore, regarding installations not described in this sheet, we recommend consulting with our technical department or carrying out a preliminary test to check the suitability of said application.*
- *The usage instructions are drafted based on our tests and knowledge and do not relieve the consumer from examining or checking the products are suitable for use. Therefore prior to using the product, whomever is going to use it must determine if it is suitable or not for the intended use, since he or she will assume any responsibility that may be derived from its use. The responsibility of BIKAIN shall be limited to the value of the used merchandise.*
- *BIKAIN, a registered company in accordance with Standard UNE-EN-ISO 9001 regarding quality systems, guarantees that its products have been controlled by its quality laboratory in accordance with the characteristics described in the Technical Sheets.*

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