3<u>Bikain</u>

HIGH STRENGTH SPRAY MORTAR FOR MODULAR PANEL SYSTEM (with added fibres)





 Premixed dry mortar based on cement, limestone sand of a selected grain size, chemical additives and fibres.

Applications

- This product is designed for making vertical load bearing panels and panels for slabs in "Reinforced concrete load bearing panel systems with an expanded polystyrene (EPS) core and a metallic mesh".
- Excellent workability.
- Mechanical application.

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 (approximately 4,5 liters/sack) 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.

Usage instructions

- Adjust the spray machine and its water dosing system to obtain the desired consistency.
- Spray the product over the panel until the mesh is covered and when the material begins to harden (approximately 20 minutes based on the ambient conditions), continue spraying until the final required thickness is attained.
- Once the required hardness of the final layer is achieved, proceed to apply the desired finishing layer.
- Do not apply when there is a risk of freezing temperatures. Avoid exposure to strong winds and intense sunlight.
- In humid environments the setting time is extended and in very dry weather the setting time is shortened.
- In hot and/or dry weather, cure the applied mortar by prolonging the humidification.

Standards

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Morteros y Revocos BIKAIN, S.A.

B/Aldebarrena, nº 18 48212 (Mañaria)-Bizkaia

18 Nº DdP : BP

EN 998-1

BIKPANEL 9000

Industrial mortars for normal rendering work on brick walls, ceilings, pillars and partitions

Compressive strength:CSIV category Adhesive strength: $\tilde{0} \ \tilde{0} \ \tilde{0} \ 0.3 \ N/mm^2 \ (FP: A-B)$ Bulk density of hardened mortar: $\tilde{0} \ \tilde{0} \$

Technical characteristics

- Appearance:.....Grey powder
- Grain size:0-2mm
- Compressive strength (UNE-EN 1015-11):
- Approx. average value $\rightarrow \geq 25$ (N/mm²)
- Bulk density of fresh mortar (UNE-EN 1015-6):

- Theoretical yield: Approx. 22-24 ((Kg/cm.m²)
- Tariff heading...... 3824.50.90.00



Supply

- In 20 and 24 m³ silos, which can be refilled at the work site using tank trucks.
- 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 out technical department or carrying out a preliminary test to check the suitability of said application.
- ^m 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.
- ^m 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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