



# FAST-SETTING DRY CONCRETE



## BIKHORDUR 11200



### Product description

- Fast-setting dry concrete made from special cements, limestone aggregates, modifying additives and alkali resistant fibers.
- High initial resistances within a few hours.
- Commissioning from 4 hours.

### Applications

- For repairs of concrete slabs where rapid commissioning is required.
- For anchoring urban furniture, signage, ...
- For anchors and thick fillings requiring fast setting and high initial strengths such as manholes, ...

### 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.
- The ambient temperature during the application of the product must be between 5° C and 35° C.
- Do not apply to surfaces at risk of frost or frost within 24 hours of applying the product.
- The product is ready for use by adding only water. Any other addition (aggregates, additives...) can modify its behavior and technical performance.
- The water used must be from the mains or must meet the conditions listed in the EHE and the water dosage indicated in this technical sheet must be respected. Avoid excess water which may cause segregations and loss of strength.
- To facilitate the proper curing of the concrete, after pouring it must be protected from premature drying due to strong winds or exposure to intense sunlight. The use of a surface curing liquid or the use of water (without puddling) is recommended.
- The work, once completed, must also be protected from the rain.
- For safety information, consult the applicable Safety Data Sheet.

### Consumption

- To obtain 1 m<sup>3</sup> of fresh concrete, about 2.100 kg of BIKHORDUR concrete are needed.

### Technical characteristics

- **Maximum size of the aggregate:** ..... 8 mm
- **Apparent density when wet:** ..... 2.3±0.1 gr/cm<sup>3</sup>
- **Compressive strength in N/mm<sup>2</sup>**

4 hours	24 hours	28 hours
≥ 15	≥ 20	≥ 30

- **Mixture open time:** ..... 25-30 min <sup>(1)</sup>
- **Commissioning** ..... from 4 hours <sup>(2)</sup>
- **Reaction to fire (Decision 96/603/CE)** ..... A1
- **Custom tariff** ..... 3824.50.90.00

(1) Under laboratory conditions at 20°C and 50% RH. This time is shortened in hot weather and is extended in cold weather.

(2) Depending on mechanical stresses and environmental conditions.

### Usage instructions

- Add approximately 2,0-2,5 liters of water per 25kg bag, and mix manually or mechanically until a homogeneous consistency is obtained.
- The base on which the concrete is applied must be clean of dust, plasters, paint residues, grease, ...
- In repair works, it is convenient to cut out the area to be repaired, generating rough surfaces to improve adherence with the new concrete.
- The anchors must be made by checking the depth and width. The base of the anchor must be solid and the elements must be clean and free of rust.
- To facilitate a proper curing of the concrete, the formworks must be slightly moistened. In the case of old concrete or similar supports, the use of a bonding interphase is recommended.
- For optimum finish, it is advisable to compact the concrete.
- The minimum application thickness is 4cm.
- In any case the regulation in force applicable to the type of use that is going to be made of the concrete shall be complied with.

## Supply

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- 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

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- Storing in sacks guarantees that the characteristics of the product are maintained intact for six months from the manufacturing date, as long as they are kept in a location that is under cover and dry.

## Customer / technical service

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- 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 (by colour, grain size, resistance, usage, etc.), our Customer/Technical Service Department will help you determine your specific requirements and will provide the best solution for your needs.

## Remarks

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- *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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