



# FAST-SETTING DRY CONCRETE



## BIKHOR RAPID 11100 (No Mixing)



### Product description

- Fast-setting dry concrete made from special cements, limestone aggregates and modifying additives.
- **Specially developed to be used without prior mixing.**
- Ready-to-use product.

### Applications

- Anchorages and thick fillings that require high initial strengths and rapid commissioning, for applications such as:
  - Fixing of street furniture and signage.
  - Attachment of posts, fences, clotheslines...

### 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 work, once completed, must be protected from rain and wind.
- The product is ready to use by adding only water. Any other addition (aggregates, additives, etc.) can change its behavior and performance
- The water used must come from the system or comply with the conditions specified in the EHE and the water dosage indicated in this technical sheet must be respected. Excess water can lead to segregation and loss of resistance
- For more information consult the applicable Safety Data Sheet.

### Consumption

- To obtain 1 m<sup>3</sup> of fresh concrete, about 2.100 kg of concrete BIKHOR RAPID are needed.
- For example, for a concrete base of 30 x 30 x 50 cm (0,045 m<sup>3</sup>) about 100 kg of product are needed (4 bags of 25 kg).

### Technical characteristics

- **Maximum size of the aggregate:** ..... 8 mm
- **% water:** ..... 13,5-14,5%  
(About 3,5 litres per 25 kg bag)
- **Apparent density when wet:** ..... 2.1±0.1 gr/cm<sup>3</sup>
- **Compressive strength** ..... ≥ 25 N/mm<sup>2</sup>
- **Reaction to fire (Decision 96/603/CE)** ..... A1
- **Setting time in 10 minutes**
- **Commissioning after 3 hours**
- **Custom tariff** ..... 3824.50.90.00

### Usage instruction

- Dig a hole with the expected dimensions. Anchors must be made by checking the depth and width and the base must be on solid ground, without slipping.
- Before applying the concrete, bottom and walls must be wetted, waiting for the water to be absorbed.
- Place the pole or item to be fixed in the middle of the hole.
- Check whether the amount/item to be fixed is well positioned and correct its position if necessary.
- Pour the powdered product into layers of about 20 cm.
- After each layer, pour water with a watering can, spreading it evenly over the concrete until the water rises. (The amount of water must be proportional to the amount of concrete used in each layer).
- Continue to fill the hole in successive layers and compact the last layer of wet concrete around the pole while it is still fresh (It starts to harden in about 10 minutes).
- In a cold environment the setting time is lengthened, while in hot weather it is shortened.

### Supply

- 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, 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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