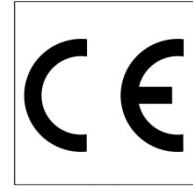
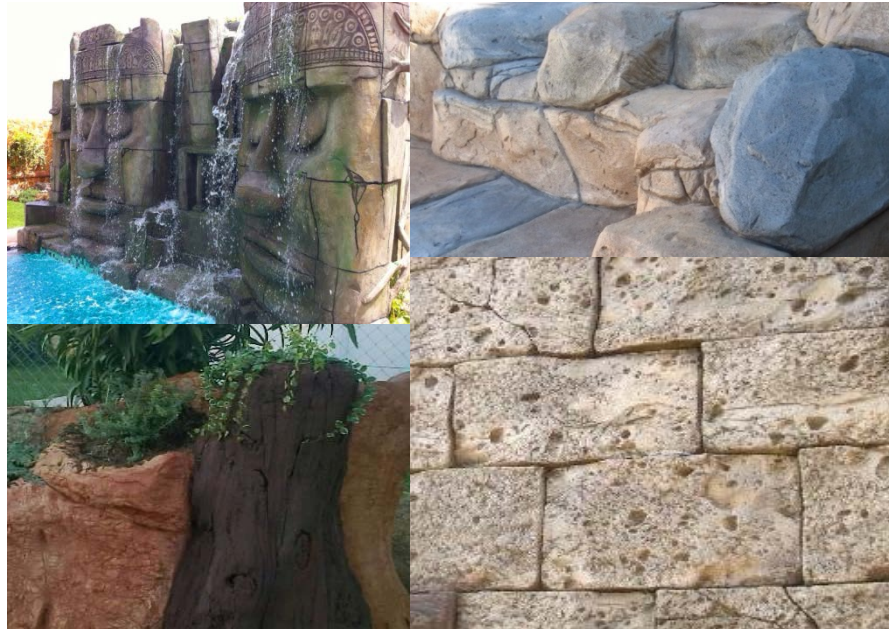
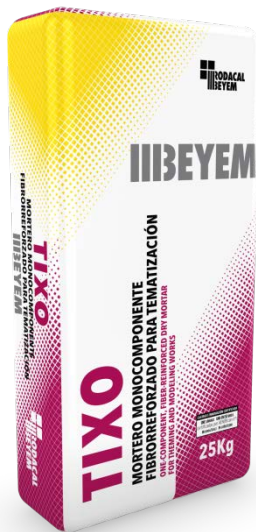


# Beyem Tixo

One-component, fiber-reinforced dry mortar for theming and modeling works



EN 998-1



## About this product

BEYEM TIXO is a one-component, shrinkage compensated, fiber-reinforced mortar for reliefs reconstruction flattened and shaped of surfaces. Professional theming works. Formulated with special cements, selected and lightweight aggregates, organic and inorganic additives and thixotropic agents.

## Benefits

- Highly thixotropic.
- Rainwater-proof and permeable to water vapour.
- Lightweight. Suitable for spray render and pump machines or manual applications.
- High adhesion.
- Very low shrinkage behaviour.
- High mechanical strengths.
- Fiber-reinforced.

## Use

Making reliefs of various aspects. For reliefs reconstruction flattened and shaped of surfaces. Imitation of natural environments (stones, rocks, etc.). Professional theming and modeling works. Facade coating with different finishes. Ornamental elements such as baseboards, cornices, etc. Wall covering. Facade rehabilitation. Repairs of balconies corners, cornices, edges, etc.

## Substrates

BEYEM TIXO is suitable for:

- Brickwork. Ceramic bricks.
- Concrete blocks.
- Concrete (treated with BEYEM UNIÓN MORTEROS adhesion promoter primer).
- Cement based substrates.

## Preparation of substrates

Substrates must be clean, compact and free of substances that reduce adhesion such as dust, oil, grease and with no loose material. Substrates must submit an adequate porosity and surface roughness. Uneven areas must be corrected. Dampen substrates with water to cool down if they should be too warm, in case of wind or over absorbent substrates and wait until the thin layer of water disappears. It is a good practice curing with a fine spray of clean water 24 h after application.

Do not apply on cellular concrete, gypsum based plasters, paint, plastic, wood or materials with low mechanical properties.

## Instructions for use

Mix manually of mechanically BEYEM TIXO with 5,25-6,25 l per bag of clean water until a homogeneous, creamy and lump-free paste is obtained. Let the mix stand for 5 minutes before application.

To apply with render spray machine, it's necessary to set the relation water/mortar and pump pressure depending on section and length of hose and climatology conditions. It's important to maintain the variables affecting the properties of the applied mortar (distance to the wall, angle of application and water proportion). Spread the mixed product with a trowel (in case of manually or mechanically application) leaving 0,4-4,0 cm of thickness (depending of the shape or mould used). Press to ensure adhesion and expel the air contained in the pores. Smooth with a ruler the applied material to regulate thickness. Once the material has been applied proceed to shape the volume using spatulas, trowels, etc.

Once hardened, sand and sculpt the desired parts. Pigment to achieve the desired effect.

Application must be made in thicknesses not less than 5 mm and not more than 200 mm taking into account the indications listed below.

## Cautions and recommendations

- Always mix with the specified amount of water.
- Do not apply below 5°C or above 30°C.
- Do not apply when there is risk of frost, rain, strong wind or direct sunlight.
- Reinforcement with alkali resistant fiberglass mesh may also be required, dependent upon substrate condition (junctions of different surfaces, corners of voids...), project specification and when applied in several layers.
- Above 5 cm of thickness and for large volumes, apply the product in several layers and use an armor, leaving a roughness surface in the first to improve the adhesion of the second layer.
- It is necessary to use a primer on too high absorption substrates, as a cellular concrete, or on very low absorption substrates.

- Do not apply on gypsum, paint, or materials with low mechanical properties.
- Protect the mortar applied of early dehydration, using suitable curing methods.

## Technical data

### Product identity. Properties of mixture and application data

Appearance	Powder
Colour	Colour Chart
Bulk density	≈ 1400 Kg/m <sup>3</sup>
Density of the mix	≈ 1750 Kg/m <sup>3</sup>
Grading	0-800 μm
Mixing water,%	± 23%
Minimum finishing thickness	5 mm
Maximum layer thickness	40 mm (without armor)
Coverage	15-20 Kg/m <sup>2</sup> per cm of thickness
Tariff code	3824.50.90.00
<b>Final performances</b>	
Type	CR CSIV W <sub>c</sub> 2
Adhesion after weathering cycles	≥ 0,35 MPa
Compressive strength	≥ 10,0 MPa
Capillary water absorption	≤ 0,2 kg/m <sup>2</sup> min <sup>1/2</sup>
Water vapour permeability	μ ≤ 15
Thermal conductivity	0,67 W/m·K
Reaction to fire	Euroclass A1

## Packaging

BEYEM TIXO is packed 25 kg plastic lined paper bags.

Storage: when stored unopened in a cool dry place, shelf life is 12 months from date of manufacture.

## Cleaning tools

Tools can be cleaned easily with water before the product hardens. Hardened product can be remove only mechanically.

## Project specification

Imitation of natural environments (stones, rocks, etc.) and others professional theming and modeling works, must be carried out with one-component, shrinkage compensated, fiber-reinforced dry mortar compliant with EN 998-1- Class CR CSIV  $W_c$  2, such as Beyem Tixo manufactured by Rodacal Beyem Company. Coverage will be  $\approx 15-20 \text{ kg/m}^2$  per cm of thickness. The substrate must be clean, sound, compact and dimensionally stable.

## Health and Safety

For further and complete information about the safe use of our product please refer to our latest version of the Safety Data Sheet, which is available upon request.

Disposal of the product and packaging must be in accordance with current legislation. This is responsibility of the final product user.

## Certifications



ER-1089/1999



IDI-0004/2012



### Contact



[www.rodacal.com](http://www.rodacal.com)



[rodacal@rodacal.com](mailto:rodacal@rodacal.com)



967 44 00 18

### Note

#### Product for professional use

The above guidelines and information is accurate to the best of our knowledge and is offered in good faith. This information is true and accurate, but as conditions of use and any labour involved are beyond our control, the end user must satisfy himself by prior testing that the product is suitable for his specific application, and no responsibility can be accepted, or any warranty given by our Representatives, Agents or Distributors. End user should ensure that he has our latest literature, copy of which will be sent upon request.