



Family  
**Repar**

Type  
**Structural thixotropic cement mortars**

Product Lines

- Building
- Infratech

Functional Categories

- Repair and restoration of concrete structures with thixotropic mortars
- Fastening and anchoring metallic connectors, inserts and frames
- Structural maintenance of tunnels
- Structural precision anchoring

Components  
**Single-component**

Appearance  
**Powder**

REP.0068

## REPAR TIX G2

Thixotropic slightly expansionary mortar, for anchoring and underpinning

### Customs Code

3816 0000

### Dosage

1900 kg /m<sup>3</sup>

### Packaging

- Bag 25 kg
- Pallet: 50 x (Bag 25 kg)

### Application

- Brick trowel
- Finishing trowel
- Spatula

## General description

Thixotropic, reinforced fibre, anti-shrink mortar, slightly expansive in plastic phase, high-performance in terms of resistance and waterproofing characteristics, specific for the compensation of cavities and detachments in roughcast underpinning, and for accurate fixing of wooden or steel beams in masonry whatever its nature.

## General features

REPAR TIX G2 is based on high-resistance cements, superpozzolanic fillers, plasticisers, stabilisers, and anticorrosive agents, antiallergic additives, selected aggregates. Free of chloride, aluminium, metal powders and aggressive substances in general.

## Fields of application

Fixing and anchorages of I-beams, clamps, beams, metal structures, reinforcing rods, prefabricated elements etc. Execution of render underpinning, in civilian, industrial, rural and infrastructural building, both for restructuring and newly built.

## Available colours


- Gray

## Basic features


 Max. recommended thickness:  
8 cm

 Maximum diameter of aggregate:  
2 mm


 Min. recommended thickness:  
1 cm


 Mix with water:  
12-13 %

 Nonflammable

 Pot-life:  
60 min

 Shelf-life:  
12 months

 Solvent-free

 Temperature of use:  
+5 / +35 °C

 Use wearing protective gloves

## Technical specifications

Compressive strength (UNI EN 1015-11): 45 N/mm<sup>2</sup>

Darcy impermeability: 10<sup>-9</sup> cm/s

Density (UNI EN 1015-6): 1900 kg/m<sup>3</sup>

Flexural strength (UNI EN 1015-11): 7 N/mm<sup>2</sup>

pH: >12 \_

Static elastic modulus (EN 13142): 19000 N/mm<sup>2</sup>

IF YOU WANT TO SOLVE IT  


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## Tools cleansing

- Water

## Applicable on

- Concrete
- Prefabricated concrete
- Bricks
- Mixed walls (bricks and stones)
- Stone walls

## Substrate preparation

Application surfaces should be clean, free of soiling, crumbling and non-adhering parts, dust, etc., conveniently saturated with water until they reach the condition "saturated with dry surface".

## Instructions for use

Pour about 2/3 of the mixing water into the mixer, add REPAR TIX G2 and the remaining water; continue to mix until a homogeneous lump-free mixture is obtained. The mixing water should be about 12-13% of the weight of the bag. After mixing is completed wait a few minutes before applying.

For high anchoring sections add GHIAIETTO 6.10 (please refer to the appropriate technical data sheet for more information).

## Storage and preservation

Store the product in its original packing, in a fresh and dry environment, avoiding frost and direct sunlight. Inadequate storage of the product may result in a loss of rheological performance. Protect from humidity.



## Warnings, Precautions and Ecology

Technical and performance data outlined in this document are the result of laboratory testing conducted in a conditioned environment, as such they can result as considerably changed from operating and application conditions. The need follows to carry out preliminary tests in actual use conditions.

The user is required to check the product's most recent Material Safety Data Sheet, reporting physical-chemical and toxicological data, risk phrases and other useful information on how to safely transport, use and dispose of the product and its packaging. It is also reminded that the product and its packaging must not be dispersed in the environment for any reason.

Adopt laying procedures capable of ensuring the absence of gaps and discontinuities; cure the protection and the prolonged moist hardening of exposed surfaces.



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