



# P.T.B.-ISO-M

## Insulation mortar

### Efficace en tant qu'isolation

Dans la catégorie de mortiers isolants, le produit P.T.B.-ISO-M appartient à la classe d'isolation la plus efficace.



### Characteristics

P.T.B.-ISO-M is a ready-for-use product. It is ideal for floor and roof insulation (on concrete), and for filling in of wall chases, pipes and insulation coating.

#### Very easy processing

P.T.B.-ISO-M is extremely simple and easy to apply. It is readied just by adding water. Filling, smoothing out, and plastering on does not require previous or professional know-how.

#### One-piece insulation

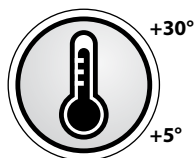
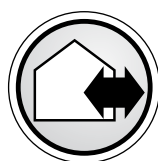
With P.T.B.-ISO-M one can fill in and insulate pipes in one single operation. It lends itself to being applied IN ONE PIECE, which results in a perfect, seamless, and stable insulation layer. It replaces the so-called floating floor pavements and the levelling floor pavements.

#### Resistance

P.T.B.-ISO-M possesses a much higher compressive and bending resistance than most other insulating materials.

#### Non inflammable

Since every grain is wrapped in a cement coating, P.T.B.-ISO-M is noninflammable and does not propagate fire.



| Mixing ratio    | Consumption   | Packaging               |
|-----------------|---|-------------------------|
| ± 7,5 l per bag | 1 bag gives ± 50 l hardened mortar<br>(= 1 m <sup>2</sup> x 5 cm thickness) | 50 l (± 12,50 kg)       |
| Colours         | Processing time   | Application temperature |
| Grey            | ± 2 hours   | + 5°C till + 30°C       |

## Directions for use

### Binder course

In most cases, application of a binder course prior to positioning is recommended. This binder course consists of cement mixed with a COMPAKTUNA®(PRO)/water solution at a 1/2 ratio. The binder course is brushed on the work surface just prior to the application of P.T.B.-ISO-M so that it is still wet when the P.T.B.-ISO-M is applied.

### Mixing

IT IS NECESSARY TO MIX THE TOTAL CONTENT OF THE BAG OF P.T.B.-ISO-M

- pour ± 7L of water in the concrete mixer
- add 1/2 BAG P.T.B.-ISO-M and mix into a homogeneous mass
- add the remaining content of the bag and mix further
- pour out the prepared mortar, spread it and smooth it out over the work surface. Further affixing is not necessary.

## Application

### Floor insulation

Ideal as insulation and filler of chases in one single product. A binder course consisting of cement dissolved in a COMPAKTUNA®(PRO)/water solution at a 1 to 2 ratio strongly increases the adhesion. Apply P.T.B.-ISO-M to a thickness of minimum 3 cm and spread out evenly with a trowel or a smoothing board. Let dry completely before accessing the layer.

### Ceiling insulation (on concrete)

The same method of application as for floor insulation. Because of its light-weight manipulation, P.T.B.-ISO-M is an ideal insulation for ceilings since it lends itself for ready application between the ceiling joists. In this way, it is possible to get a much stronger insulation layer than with other insulating products. Using P.T.B.-EGALISER-EN, applied in 2 to 3 thin layers, one can readily achieve a dust-free, more or less steady floor layering.

### Filling in chases

Binder course: mix a solution of 1 part COMPAKTUNA®(PRO) and 2 parts water in the cement. Apply this slurry in a layer of 1 to 2 mm. Mix P.T.B.-ISO-M with ± 7L of water and fill in the chases with a trowel.

### Insulating wall plastering

A binder course consisting of cement mixed with 1 part COMPAKTUNA® and 2 parts water is required. This mixture is applied with a brush to a thickness of 1-2 mm. Mix P.T.B.-ISO-M with ± 7L of water and apply with a trowel to the still damp binder course. To render the surface dust-free, brushing with POLYCOLORIT® is recommended.

