



### Description:

TEAIS IMPERCEM is a two component waterproofing product that consists of cement, special aggregates, additives and synthetic polymers in water scattering.

### Uses:

It is applied to waterproof concrete walls, small terraces, balconies, shower plates and concrete supports submitted to external attack such as contact with salts upon thawing, sulphate and chloride environments as well as for waterproofing swimming pools, etc.. Also used as a ceramic adhesive, mosaics in bathrooms and swimming pools, shower trays placements, etc.

### Technical features:

Adherence	> 1 N/mm <sup>2</sup>
Colour/s	Colour of the mix; grey
Density	Density of the mix 1,7 kg/l
Mix proportion	2 powder parts and 1 liquid part
Temperature of work	8 to 35 °C

### Features & benefits:

- \* EXCELLENT WATERPROOFING \* VERY GOOD ADHESION ON A VARIETY OF SUBSTRATES \* VERY GOOD ELASTICITY
- \* SUITABLE FOR TILE INSTALATION \*

### Surface preparation:

The background of application must be clean, free of dust, salts, etc. Absorbent surfaces must be slightly dampened prior to the application.

### Clean up:

The tools will be cleaned with water while the material is fresh.

### Coverage:

3 to 4 kg/m<sup>2</sup>.

### Application

- Mix the component with the liquid either manually or mechanically using a low speed mixer by avoiding any air penetration in the mix until reaching a homogeneous consistency.
- The proportion of the mix is 1 litre of liquid component for every 2 kg of powder product.
- Spread the mix by using a trowel to apply onto the support until reaching 2 mm thick coating at most.
- Once the first coating hardens, a second one can be applied.
- In those areas with small cracks, TEJIAIS 5 or TEJIAIS 5 PLUS can be used.
- Leave to dry for 24 hours after this application (under good climatic conditions).
- The floor slabs can be placed directly, using on the most appropriate adhesive according to their properties.
- When used as adhesive is applied with fine notched trowel on the dried TEAIS IMPERCEM layer (the layer that was used as the waterproof), applied tiles as with a regular tile adhesive. Must be careful to clean all the absorbent material, because due to its high adhesion once hardened can only be removed mechanically.
- In the execution of waterproof sealed systems it is necessary to consider all elements to constitute a continuous waterproofing in which the singular points are also waterproof.
- For waterproofing shower trays, prepare the surface to receive the waterproof layer and apply the product throughout the rise in the lateral surface, and may even waterproof the entire vertical surface, and once TEAIS IMPERCEM layer is dried (who may be reinforced with fiber mesh or not) the termination is done with the placement of the liner, that can be applied with TEAIS IMPERCEM or with our special tile adhesive CECOISFLEX.

### Packaging:

Available in packs of:

Kit

15 Kilos

75 Kilos

The information provided on this technical data sheet and particularly the recommendations for the application and use of the product is based on our current knowledge and are provided in good faith, considering that the products are used, handled and stored under normal conditions and within the limits of its useful life. The possible differences between the materials, supports, and real conditions in the application site can be so important that it is no possible to establish a warranty with this document or any other information provided. The user must verify with a suitability test that the product conforms to the required use. Users should refer to the information included in the last technical data sheet edition.



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©TEAIS S.A. - All rights reserved - Avda. da Enerxía, nº 153, Pol. Ind. de Sabón - 15143 Arteixo, A Coruña  
Telf.: 981 602 111 - Fax: 981 601 508 - Email: comex@teais.es



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ELASTIC TWO-COMPONENT CEMENTITIOUS MORTAR FOR WATERPROOFING

Edition: 2 10/2010

Technical department

### **Storage:**

It is recommended to store this product for 2 years in its tightly closed original packages protected against bleakness, without exposing to sudden temperature changes.

### **Health and safety advice:**

Consult the safety information on the label on each package, and for more information refer to the product Material Safety Data Sheet.

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Telf.: 981 602 111 - Fax: 981 601 508 - Email: comex@teais.es