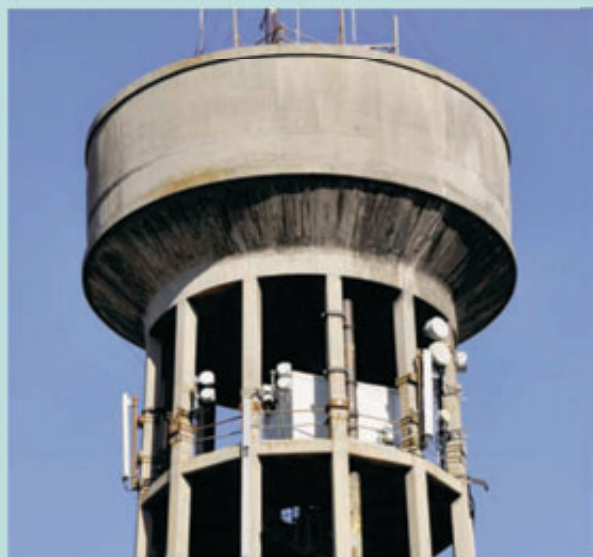


Waterproofing systems

CEPIS STANDARD, CEPIS SUPER, TEAIS IMPERCEM, RAIS



***Professional Solutions
for construction***

www.teais.es



Plugging water leaking

Cement ultra fast drying



RAIS – Instantaneous plugging of water leaking

This product is applied when you need to block a water leaking to make subsequently waterproofing works without presence of water. **Rais** can be applied inside or outside, when it is needed to block water leaking or a static crack with presence of water.

To apply the product, you have to take a handful of **Rais** and apply the product directly on the water leaking with hand pressure until the product has reacted. (You have to protect the hands with rubber gloves).

You can't mix the product with water previously, as other product based on cement, the hydration is done when **Rais** is in contact with the water leaking. This steps can be repeated until the water leaking is blocked.

Rais has a fast hardening after approximately 30-60 seconds, furthermore it glues very easily to damp surfaces without a need of a bonding agent.

In case of high pressure of water, it is recommended to use **Lastois Hidroexpan** by injection.

Waterproofing of rigid supports

Mortar for waterproofing based on cement and special additives, suitable to be in contact with drinkable water



CEPIS SUPER

Cepis Super is a mortar based on cement and special additives for waterproofing, which can be applied inside or outside, and can be used with positive pressure (in contact with liquid) or with negative pressure (when the dampness comes from the back of the waterproofing)

Cepis Super has a high mechanical resistance and very good benefits according to the point of view of waterproofing and it is very suitable for works where there are high requirements, like basements, lift shafts, and it is designed to waterproof water tanks with drinkable water, as the product do not make any alteration. **Cepis Super** is free of chloride.

Cepis Super is mixed with water and it is applied preferably with trowel, onto clean supports, with open pore and slightly damp. You have to apply 2 coats of 2 mm thickness per coat. The drying time between coats is 12 hours.



Cepis Super is suitable for waterproofing of water tanks with drinkable water, and has an analysis certificate.

For this application, you have to mix it with water and apply onto the support where you make all the necessary reparations, like cracks reparation and corrosion (with **Moris**, **Epoais H**, **Teais Grap**, **Teais protecor** according to the different cases)

Onto the damp support, you have to apply 2 coats with trowel, of 2mm thickness per coat and it has to dry 12 hours. It has to harden and lighten with clean water before the filling up.

For this kind of waterproofing, it is required rigid supports of concrete, for outside and buried surfaces, because this waterproofing is suitable for negative pressure.



Cepis Super certificate



Waterproofing of rigid supports

Waterproofing mortar based on cement



CEPIS STANDARD

Cepis Standard is a mortar based on cement for waterproofing, which can be applied inside and outside, can be used for waterproofing with positive pressure or with negative pressure (when the dampness comes from the back of the waterproofing).

Cepis Standard can be used mixed with water or with **Aglutais 30-50**. **Aglutais 30-50** improves the adherence and gives some deformity capacity.

It is a waterproofing suitable for rigid structures with open pores, like concrete, brick walls, inside of garages (if there isn't any paint), lift shafts, structure protect against freeze-thaw cycle, waterproofing of tunnels and gutters.

Cepis Standard is applied onto clean surfaces and without paints, or any element which makes difficult the adherence on the support.

The support must be damped, before the application of the first coat.



Cepis Standard is mixed with water or with **Aglutais 30-50** until we achieve a mortar with doughy consistency for the application with brush or trowel.

In general the application with trowel is used in case of dampness with negative pressure and the application with trowel is more suitable for waterproofing concrete bricks façades.

When it is applied with brush, it is very useful to apply coats of **Cepis Standard** changing the colors white and grey, in order to achieve a full coverage of the previous coat.

With the application with brush, we recommend to apply 3 coats and to allow a drying time between each coat.

When the application is done with a trowel, in general 2 coats must be applied and this kind of application is used in case of dampness with negative pressure, because we achieve a material with higher mechanical resistance.

Waterproofing and coating of façades with concrete bricks, with **Cepis Standard**.

It is a very effective and economical waterproofing. It is the best option to give a good finish to a façade without applying a render.

Previously, you have to damp the surface of the brick, and you have to apply **Cepis Standard** mixed with **Aglutais 30-50**, with liquid consistency, starting with white, grey and white. Between each coat, the drying time is 12 hours.

Once the last coat is dried, you can paint with **Revetais rugosa**, in order to give an aesthetic totally finished aspect.



Paint for façade with Cepis Standard as waterproofing



REVETAIS rugosa

Revetais rugosa is a waterproofing paint, with high resistance and high durability, high covering power in only one coat. **Revetais rugosa** is presented in a wide range of modern colors, according to the requirements of the market.

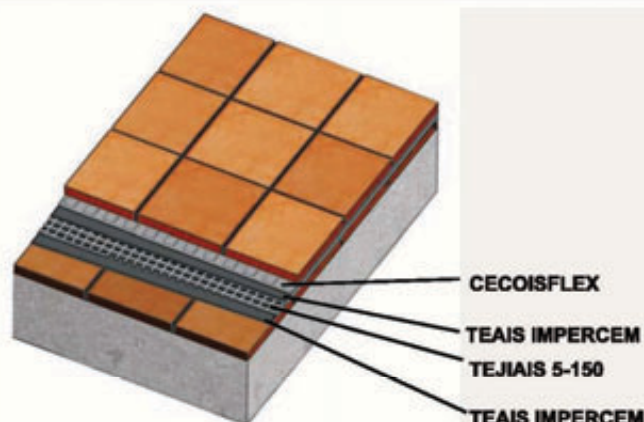
It is used for brick walls, waterproofed with **Cepis**, and it improves the aesthetic of the façade and hides small imperfections in application of waterproofing.

You have to apply one coat with the paint roller onto **Cepis Standard** totally dried, preferably onto **Cepis Standard** with white color.



Waterproofing of rigid supports

Elastic mortar, bi component for waterproofing



TEAIS IMPERCEM

Teais Impercem is a waterproofing mortar with 2 components, elastic and flexible. It is applied in waterproofing of several supports with porous and no porous, it has a high adherence.

The product comes with 2 components pre-dosed, which can be mixed manually or mechanically, for the application, a stainless steel trowel must be used, and the application is with a fine and continuous coats of 1 millimetre thickness approximately.

During the application of the first coat with trowel, you can add fibre glass **Tejais 150** as reinforcement, it has to dry (between 12 and 16 hours) before the application of the second coat

Waterproofing of terraces

It can be applied on terraces onto concrete and mortar supports and floor tiles too. The slope must be done. You must apply 2 coats with trowel, (all the works of a terrace must be done, like treatment of singular points, treatment of encounter of vertical parameters, where the round has to be done in the corners in order not to keep alive angles, etc.) reinforced with **TEJIAIS 150**.

Once the last coat is dried (5 days) the floor tiles can be applied with a flexible tile adhesive like **Cecoisflex**.

Waterproofing of bathrooms

In bath rooms or in the bath tubs areas, where water can be splashed like washbasin, etc., **Teais Impercem** can be applied before the application of the coating. In this case, you have to apply one coat by trowel with **Teais Impercem**, and once it is dried (5 days) you can apply the suitable tile adhesive (range **Cecois**) or with **Teais Impercem**.

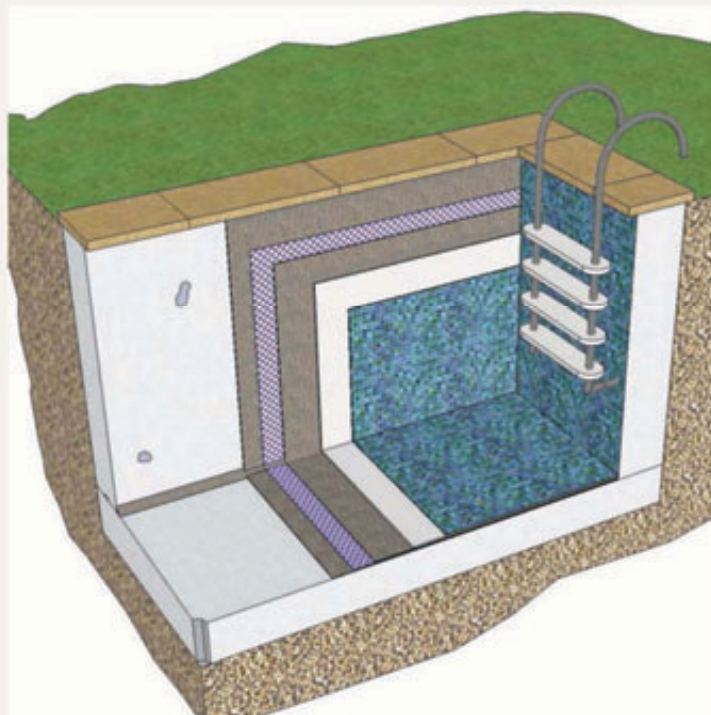
Teais Impercem has the advantage to be flexible, it can be applied onto damp supports slightly humid, and to have a good adherence for the application of other coating like ceramic, marble and stone.

It can be also applied onto ceramic coating in order to make a waterproofing coat, in case of bath rooms with water leaking, you have to apply 2 coats by trowel, and once these coats are dried (5 days) you proceed with ceramic coating or with paint with water resistance.

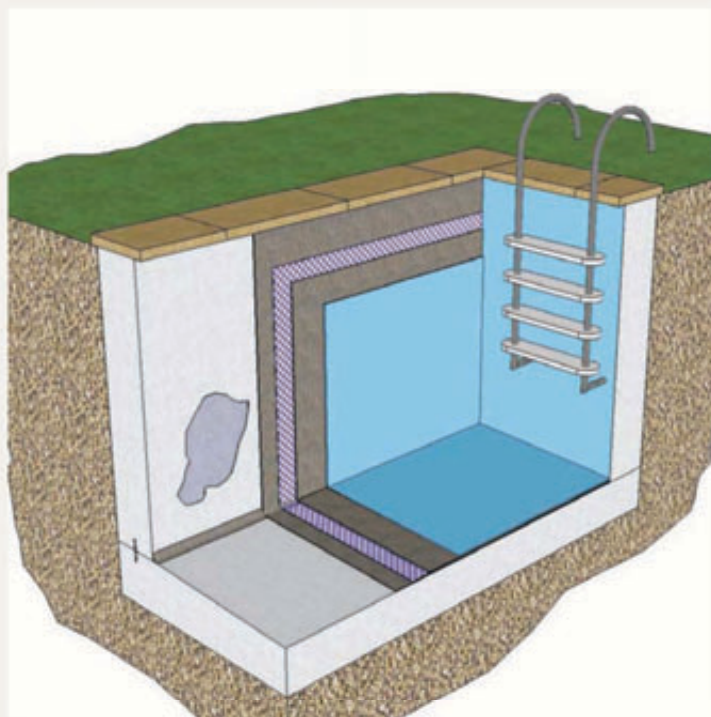


Waterproofing of rigid supports

Elastic mortar, bi component for waterproofing



Waterproofing with **Teais Impercem** with 2 coats reinforced with **Tejais 150**, and after the coating can be placed with a special paint for swimming pools **Pistais**



Waterproofing with **Teais Impercem** with 2 coats reinforced with **Tejais 150** and after the coating can be placed with **Cecois Piscinas**

Waterproofing with **Teais Impercem** with 2 coats reinforced with **Tejais 5-150** and after the coating can be placed with **Cecois Piscinas**

Waterproofing with **Teais Impercem** with 2 coats reinforced with **Tejais 5-150**, and after the coating can be placed with a special paint for swimming pools **Pistais**

Waterproofing of swimming pools

Teais Impercem is very useful for waterproofing of swimming pools, in new construction and reparations

In new construction

You have to round the edges with **Teais Impercem** or with a reparation mortar **Moris**, in case of cracks, you can repair them with **Teais Grap**, and after applying 2 coats of **Teais Impercem** and leave enough time for drying between coats and in the first coat you can apply reinforcement with fibre glass, **Tejais 150**.

Once the last coat is dried, we can proceed with a coating like ceramic, which can be fixed with **Teais Impercem** or with **Cecois Piscinas**, and finally you can grout the coating with **Rejuntais**.

Another option is to finish with a special paint for swimming pools, **Pistais**.

If it is required, you can regularize with **Emplais Piscinas**.

In rehabilitation

We proceed with the required reparations of cracks and round of the edges, the union of walls and the union of walls with floors.

Once this reparation is over, you have to apply **Teais Impercem** as waterproofing in two coats of 1mm each coat, with a drying time of 12 hours, the first coat must be reinforced with **Tejais 150**.

Once it is dried (5 days) it can be covered with ceramic, or it can be painted with our special paint for swimming pools **Pistais**.



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