

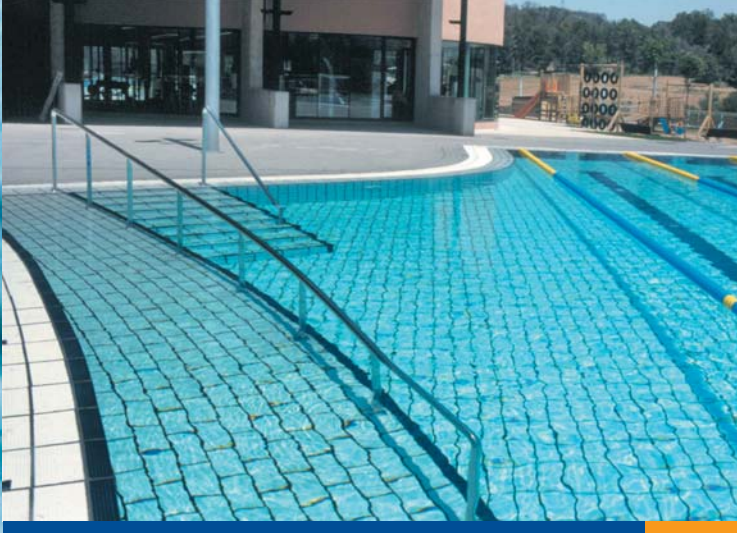


FIXCER

ADHESIVES AND CHEMICAL
PRODUCTS FOR CONSTRUCTION

FIXCER
Construction
Systems

SWIMMING POOLS



Useful solutions for professionals

STEPS TO BE FOLLOWED:

1 Hydro-expansion joint:

As a safety measure to prevent leaks through the concreted joints in the interior of the swimming pool, you must place a continuous strip of **FUGA-STOP** in the base-wall joints while you are making the concrete structure.

If water should leak through a union joint, it will end up reaching the Fuga-Stop. Here, the strip will expand and prevent the progressive advance of the water.



2 Adhesive grouting:

Once you have made the concrete base, add the extra layers on the floor and walls to obtain perfect planimetry. The first stage is always to apply a layer of adhesive grouting to ensure the adhesion between the mortar of the extra layers and the concrete.

This layer of grouting will be made by mixing 1 part of **PRIMFIX** with 1 part of Portland cement, and applying evenly with a wide brush.

The extra layer of mortar will be poured onto the layer of adherence grouting while it is **still fresh** (fresh on fresh).



3 Doing the extra layers:

You can do the extra layers traditionally by mixing sand and Portland cement in a 4:1 ratio. The resistance to compression of these bases must never be less than 6MPa. Attention: before positioning the tiles, you must leave it to dry for 7-10 days per cm of thickness.

The traditional method requires a long drying time; it requires the right granulometry of sand; it requires mixing on site.

You can obtain a faster execution time and prevent errors in the job by making the base with **RECRECEM PRE-MIX** and the walls with **FIX-REVOCO**. They are both premixed mortars that only need to have water added. They are easy to use, they prevent mistakes in the dosage and enable tiles to be positioned **after only 24 hours**. The mixture can be made in a cement mixer or an automatic pump.

These mortars can be levelled, screed and smoothed as if they were normal mortars.

By using **FIX-REVOCO** on the walls, you need not apply a previous layer of adhesive grouting.



4 Working seals:

When carrying out extra layers, points of movement appear: base-wall joints, changes in level, etc.

You must seal these areas so they are watertight with **FIX-BANDA**: extra-elastic butyl for watertight seals at corners and expansion joints.

Fix-Banda sticks to the adjacent sides of two lengths of mortar, simply remove the protective paper.



5 Waterproofing the interior:

The concrete interior is responsible for the watertightness of the pool. However, it is highly recommendable to apply a second seal of waterproofing.

To do this, apply the pre-dosed cement **HIDROELASTIC**. First damp the extra layers of mortar, and apply 2 coats with a brush, leaving 4 hours between the first and the second.



6 Choice of tiles:

It is important to choose slabs specially made for swimming pools, such as **Rosa Gres**. They are non-slip, anti-acid tiles that are resistant to impact and wear, they do not stain, are easy to maintain and resist the acid attacks of the chemical products used to treat the water in the pool.



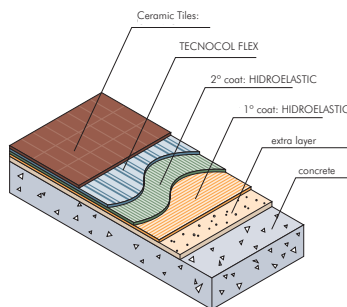
7 Installing the tiles:

To stick the tiles on top of the **HIDROELASTIC** waterproofing, you should use the pre-dosed cement-glue **TECNOCOL FLEX**: flexible, with normal setting time and extraordinary adherence. You should mix the sack of dust with the bottle of latex and not add anything else. Spread it evenly with a toothed trowel with a 10 mm tooth and fill in all the pieces, tapping with a rubber mallet.



8 Grouting the ceramic:

The grouting is very important. An installation that will last over time depends, to a great deal on the treatment you have given all the elastic joints as well as the expansion ones.



For the elastic joints we recommend the use of coloured **JUN-TATEC** mortar. It is available in 3 bright colours, it is flexible and does not have efflorescence. However, if you wish to avoid future maintenance on the joints, you should do them with an anti-acid mortar, as only in this way will you obtain joints that are chemically resistant to the products used for treating the water. This product is **CERPOXI**: epoxy mortar, anti-acid, 100% waterproof, available in six colours and very fluid for easy application.



9 Expansion joints:

The expansion joints of the tiles should always coincide with the working joints of the extra layers on the walls and floor. The expansion joints will previously be filled with **SELLALASTIC FOAM**: closed cell polyethylene strip. They must then be sealed with **SELLALASTIC** polyurethane filler, available in White, Pale Grey, Brown and Black. This filler is ultra-elastic and can be applied very easily with a universal pistol.

