FIXCER

ADHESIVES AND CHEMICAL PRODUCTS FOR CONSTRUCTION

FIXCER Construction Systems

INDUSTRIAL FLOORING

Useful solutions for professionals

STEPS TO BE FOLLOWED:

1 Preparation of the floor:

- For a thickness of **less** than 4 cm use a layer of cement grouting before making the base, to achieve a perfect union with the support. This layer of cement grouting will be made by mixing 1 part of **PRIMFIX** with 1 part of Portland cement, and applying evenly with a wide brush. Then pour the mortar over the layer of cement grouting while it is **still fresh** (fresh on fresh).
- For a thickness of **greater** than 4 cm make a base that is totally independent from the support. Before pouring in the mortar, place a film of polyurethane as a separation layer.

2 Making the base:

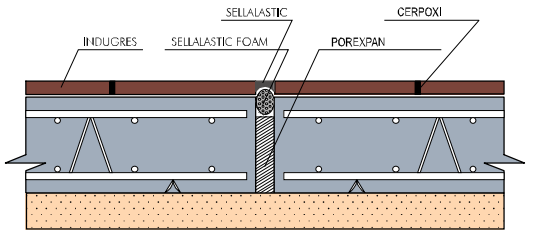
You can make the base traditionally, mixing sand and Portland cement in a 4:1 ratio. The resistance to compression of these bases must never be less than 25MPa. Before any installation, allow to dry for 7-10 days depending on the thickness.

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

In cases where a shorter time is required or you simply wish to avoid mistakes in the job, you can make the base with **PAVIFORT**. It is a premixed mortar, which only needs water adding. It is easy to use, it prevents errors of dosage and enables ceramics to be installed **after only 24 hours**. The mixture can be made in a cement mixer or an automatic pump. The mortar can be levelled, screed and smoothed as if it were a normal mortar.

3 Working seals:

During the making of the base, you must leave working seals of a maximum of 100m2. This seals will be made by interposing strips of "porexpan" in the base of the mortar. Once the base is dry, these joints must be sealed to make them watertight.



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4 Choice of ceramics:

It is important to choose industrial slabs such as INDUGRES® from Rosa Gres, which are anti-acid, non-slip, resistant to impact, low absorption, stain proof, resistant to wear, to thermal changes, waterproof, and are easy to clean.

They also have all the special pieces needed: skirting board tiles, steps, curved pieces, corner pieces, etc.

5 Installation of the ceramic:

Walls: when we want to fix ceramic tiles on isolating sandwich panels, we need an special adhesive like **ELASTICER**.

It is a three-component reactive resin that enables you to stick ceramic tiles on supports that are not absorbent, such as metal.

Mix the three components with a spiral beater. The proportions should not be altered.

Apply the mixture with a toothed trowel with 3 mm.teeth and press the ceramic firmly.

6 Floors:

If it is urgent to install the ceramics, use cement-glue **FIXCONTACT FLEX**: flexible, fast setting and with a "self bathing" effect, in other words, you achieve a 100% contact between the mortar and the tile. You need only mix Fixcontact Flex with water and spread it evenly with a toothed trowel. Then place the ceramic tile in place and press.

If the installation permits the use of a normal setting cement-glue, use **FIXAGRES FLEX**: flexible, easy to install and with extraordinary adhesion.

You need only mix the Fixagres Flex with water and spread it evenly with a toothed trowel with 10 mm teeth. Then, fill in all the pieces, tapping them with a rubber mallet.

7 Grouting the ceramics:

The ideal complement for a good ceramic slab is a joint that has the same mechanical properties, resistance to acids, resistance to abrasion and watertightness comparable to the ceramic tile used.

Therefore, you could use the predosed epoxy mortar **CERPOXI**, when you need the best mechanical and chemical properties.

They are both very liquid mortars. They are made to be applied manually with a hard rubber trowel such as **FIXLLANA** or with a rotary machine for industrial installations of many m^2.

8 Expansion joints:

The expansion joints of the ceramic tiles must always coincide with the working joints of the base. The expansion joints will be previously 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.

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