

ADVICE FOR INTALLATION

EN

We cannot accept complaints made after the material has been installed. To achieve a state-of-the-art installation the following criteria must be observed:

- 1.** Adequate sub-base resistance;
- 2.** Respect of the slab setting times;
- 3.** Installation in residential environments only.
Any different applications must be examined by **Cotto Petrus S.r.l.**;
- 4.** Respect of any existing structural joints;
- 5.** Realization of expansion joint for the perimeter, for all raised elements, with limitation of continuous surfaces to no more than 50-60 sqm (25-30 sqm in areas containing large window/glass installations or when used externally);
- 6.** The use of a suitable C2 (for interior use) or C2E (for external use) adhesive according to EN12004, applied with the double spread coating technique;
- 7.** The use of a suitable grout, checked and tested first, in the case of contrasting grout, and tested in a small area to verify that it can be effectively cleaned away;
- 8.** During laying, pick tiles alternately from different boxes;
- 9.** Check that the calibre, shade and sorting grade are correct before installing.

Rectified products also enable to obtain surfaces where joints are hardly perceptible (minimum 2/3 mm).

For the natural finish, a joint of 5/7 mm is recommended between one slab and the next.

ADVICE FOR INSTALLATION CLEANING AND MAINTENANCE WASHING, PROTECTION AND MAINTENANCE OF PORCELAIN TILES

1. Washing after laying

Washing after laying is a fundamentally important stage for any subsequent treatment and for maintenance.

Acid washing after laying removes laying residues and normal building site dirt, such as: grout, glue, paint, different kinds of building site dirt. It is a good thing to know that over 90% of site complaints are due to poor, or even inexistent, washing with acid detergent after laying.

For this operation, **Fila** suggests **DETERDEK PRO**, the acid-based descaling detergent that does not emit harmful fumes and does not harm the grouting. It removes building-site dirt - grout, plaster, different kinds of encrusted dirt.

Fila DETERDEK PRO combines descaling with effective cleaning.

The site must be cleaned on completion, when the concrete grouting is completely dry (at least 36-48 hours), closely following the instructions given below:

- Use **Fila DETERDEK PRO** diluted 1:5 (1 litre of Deterdek PRO in 5 of water, preferably hot)
- Brush the floor thoroughly, then evenly apply the solution of diluted **DETERDEK PRO** using a normal flat brush, floor mop or a rough household floor cloth or rubbing with a single-brush machine, fitted with discs with green buffer for large surfaces;
- Leave for a few minutes, depending on how dirty the surface is;
- Rub hard with a green abrasive sponge or flat brush with nylon bristles or, for large areas, a single-brush machine fitted with green disc and liquid vacuum cleaner;
- Remove residues with cloths or a liquid vacuum cleaner.

Coverage: 1 litre/40 m² – dilution 1:5

To remove residues of epoxy grouting we recommend using the specific **Fila CR10** detergent.

Before cleaning with **Fila CR10** wait until the grouting product applied is ready for use, closely following the instructions given below:

- Apply directly to the surface to be cleaned using a large flat paintbrush, perfectly covering all residues of plaster.
- Leave for about 30 minutes
- Rub with an abrasive sponge or even a spatula to remove larger residues. A single-brush machine fitted with the most appropriate disc can be used for floors
- Rinse thoroughly
- For more stubborn residues, repeat the same procedure, leaving the product to work for longer.

2. Lappato Plus+/Honed Plus+ protection

Protection:

- Waterproofs the surface, making it stain proof
- Waterproofs grouting, making it stain proof
- Makes ordinary maintenance easier

The best protection is offered by **Fila MP/90**, a stain-proofing liquid protector that penetrates deep down. **Fila MP/90** protects the floor without forming a surface film and therefore does not alter the surface colour and its effectiveness remains unaltered for several years.

- On a clean dry floor and at least 4 hours after washing, apply undiluted with a flat paintbrush, roller or cloth, taking care to spread evenly over the entire surface, including the grouting.
- When dry (after about 4-8 hours), remove any dried excess from the surface with a clean dry cotton cloth, machine polisher or single-brush machine with beige disc. Stubborn residues can be removed with a clean cloth soaked in **Fila MP/90**.

Coverage: 1 litre/30 m² approx.

3. Honed On the Ridge protection

Protection:

- Waterproofs the surface, making it dirt proof
- Restores surface sheen
- Makes ordinary maintenance easier

The best protection is offered by **Fila STOP DIRT**, a dirt-proofing liquid protector that penetrates deep down. **Fila STOP DIRT** protects the floor without forming a surface film and therefore does not alter the surface colour and its effectiveness

remains unaltered over time and resists chemical agents.

- On a perfectly clean dry floor and at least 4-8 hours after washing, apply undiluted with a flat paintbrush or cloth, taking care to spread evenly over the entire surface, including the grouting.
- Rub thoroughly when applying to make the product penetrate well and completely remove product residues from the surface.
- 10 minutes after applying, any excess residues of **Fila STOP DIRT** must be removed from the surface, with a clean dry cotton cloth or simple kitchen roll.

Coverage: 1 litre/70 m² approx.

4. Natural-textured protection

Dirt gets stuck in the uneven surface of rough-finish floors, making maintenance difficult.

In this case, we recommend using **Fila STOP DIRT** for indoor and outdoor floors and paving. It protects the surface from dirt and makes everyday cleaning easier.

Fila STOP DIRT protects the floor or paving without forming a surface film and does not alter the surface colour or the original skid resistance of the material (tests carried out using B.C.R.A. and ASTM C 1028-2007 methods).

- On a perfectly clean dry floor and at least 4-8 hours after washing, apply undiluted with a flat paintbrush or cloth, taking care to spread evenly over the entire surface, including the grouting.
- Rub thoroughly when applying to make the product penetrate well and completely remove product residues from the surface.
- 10 minutes after applying, any excess residues of **Fila STOP DIRT** must be removed from the surface, with a clean dry cotton cloth or simple kitchen roll.

5. Maintenance for all surfaces

For everyday cleaning

Fila CLEANER PRO low-residue neutral detergent.

Dilute depending on the dirt. When highly diluted it does not need rinsing.

It does not leave waxy or silicon residues on the washed surface as it does not contain them.

It can also be used with washing and drying machines.

Coverage: 2,000 m² with 1 litre – dilution 1:200

For more intense dirt and for removing stains

Fila PS87 PRO degreasing detergent and stain remover.

One product, lots of uses: detergent, degreaser, wax remover and stain remover.

Just choose the right dilution to give the desired effect.

- Diluted 1:10 in water to remove intense dirt
- Undiluted, left to work for around 20-40 minutes to remove stains and residues of epoxy grouting.

6. Sanitation

The maintenance of **optimal hygienic conditions** is essential for the health and sustainability of our society, sanitizing means removing germs and bacteria present on the surface, thus reducing the risk of their proliferation and diffusion in the environment. Proper hygiene passes mainly through good cleaning practises.

After a good cleaning with **DETERDEK PRO** or **PS87 PRO** or **CLEANER PRO**, sanitize with **SANIFAST** (active product against germs and bacteria such as Salmonella, Listeria, Escherichia Coli, Staphylococcus aureus,...) instant action detergent, which cleans and sanitizes thoroughly, respecting all surfaces, both internal and external.

For a sanitizing cleaning: dilute 1: 100 (50 ml in 5 liters of water). If possible, use warm water and wring out the microfibre cloth well, rinsing it often in the detergent solution.

For deeper hygiene: dilute 250 ml of **SANIFAST** in 5 liters of water. Wash and rinse. For sanitary cleaning: use pure with a soft sponge and rinse.



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