



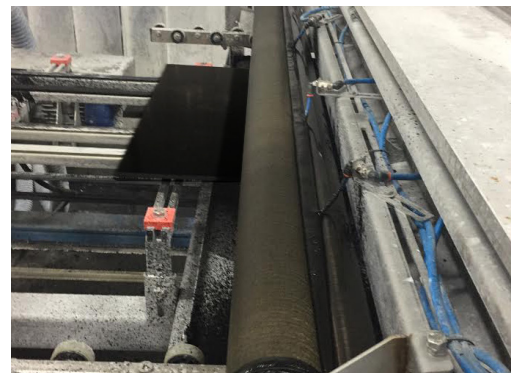
## WHAT IT'S FOR

- ✓ It enhances and colours the surface.
- ✓ It protects the material from stains and from underfoot dirt. It makes subsequent cleaning easier.
- ✓ It ensures resistant sheen with anti-dirt effect.
- ✓ It is resistant to acid cleaning and makes cleaning after installation easier.



## MATERIALS

### ▶ DARK LAPPATO AND/OR POLISHED PORCELAIN TILES



## ADVANTAGES

- Does not fade.
- It can be applied with all the most widely used technologies.
- Non film-forming product.
- Resistant to deterioration caused by UV rays and does not yellow (ASTM G154).
- VOC free.
- Resistant to chemicals (UNI EN ISO 10545-13).
- Easy to use.
- Any product residues are easy to remove, even after a while and on installed material.



## CERTIFICATIONS

- ✓ The product is labelled class A+ (Decreto no. 2011-321 of 23 March 2011).
- ✓ The product does not contain heavy metals.
- ✓ The product is suitable for contact with foodstuffs (Italian Ministerial Decree 22.03.73)

**Composition:** Blend of inorganic polymers in aqueous solution.

**Shelf life:** 1 year for sealed product stored indoors at a temperature of 5-35°C (40-95°F).

**Sizes:** 1.000 litre cubes.



## HOW TO USE IT

**Dilution.** The product does not need diluting as it is ready for use. **Application.** For the protection of lappato and/or polished porcelain tiles: after polishing it is always preferable to acid wash the tiles and then rinse with a product such as **FILAFT DEK**. This wash enhances the performance of protectors. After washing, dry the surface of the porcelain tiles with the conveyor dryers to remove rinsing water. Apply FilaFT1239 BLACK using any of the most common application technologies. The technical office will provide instructions regarding accessories depending on the system installed. Apply evenly. Remove any excess product. **How much to use.** Product coverage is about 10-15 g/m<sup>2</sup> per application, depending on the type of material, application method, and temperature of the porcelain tiles when the product is applied. It is always preferable to carry out in-line testing to check exact coverage. **Operations after installation.** See [www.filasolutions.com](http://www.filasolutions.com), ceramic section.



## OPERATORS & SYSTEMS

- We recommend working with forced air extraction systems in the brushing area.
- At the end of the day, it is a good idea to wash the application station with water to remove any product residues and keep it clean and efficient.

### Chemical-physical characteristics



- Appearance: black liquid
- Odour: typical
- Density: 1.2 kg/l
- pH: 9.0-10.0
- storage temperature: 5°C to 35°C (40-95°F)
- Application temperature: 5°C to 30°C
- Maximum temperature of the surface to be treated: 40-45°C
- Not flammable (flammability: >60°C)
- Product not classified as hazardous for transport

### Safety warnings



The product is not classified as hazardous under the provisions of CLP Regulation (EC) 1272/2008 (and subsequent amendments and supplements).

The information above reflects our latest technical know-how and is the outcome of ongoing laboratory research and testing. However, some factors are beyond our control. It is essential to integrate our suggestions with your own on-site preliminary tests and checks. Fila accepts no liability for improper use of its product.