

## Cleaning - Protecting - Maintaining Porcelain Tiles -indoors/outdoors-

Instructions for vitrified porcelain tiles with matt or polished finishes

Porcelain tiles are made of very fine ceramic materials that are fired at high temperatures. This process leads to very dense, very robust tiles. The right treatment will bring the tiles to their full potential and ensures the ideal properties for many years.

### Overview of the 3 Steps *for more detailed instructions, please refer to Page 2*

**1**

#### Initial cleaning of newly installed surfaces *used surfaces: Page 2*

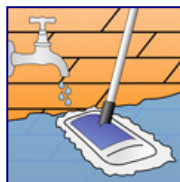
Lithofin FZ Cement Residue Remover leaves a clean and clear surface.



Coverage:  
1Ltr./50m<sup>2</sup>



Dilute product 1:10 with water.



Wet surface with water before applying cleaner.



Wipe surface with product solution.



Rinse well with plenty of clear water.

**Necessary equipment:** bucket, mop and scrubber, squeegee or wet-and-dry vacuum

**2**

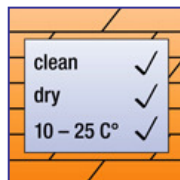
#### Protecting against stains preferred treatment for new and polished surfaces

*initial cleaning of used surfaces: Page 2*

Lithofin FZ Stain-Stop >W< renders the surface water and oil repellent



Coverage:  
1Ltr./40m<sup>2</sup>



Please note.



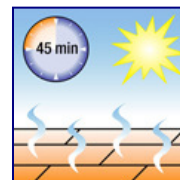
Pour product in a basin or bucket.



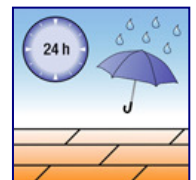
Thinly and evenly apply with a micro-fibre mop. Allow to penetrate for 15 min.



Completely remove all residues, streaks and puddles. Do not allow to dry.



Allow to dry. Do not walk on surface.



Protect from water for 24 hours.

**Necessary equipment:** bucket, applicator or roller, brush, cloth

**3**

#### Regular maintenance *additional maintenance tips: Page 2*

Lithofin FZ Vitra-Clean maintains porcelain tile surfaces.



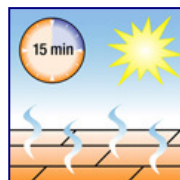
**Necessary equipment:** bucket, mop



Add one squirt (20ml) to one bucket of water.



Wipe surface with solution. Remove moisture with a well wrung-out mop.



Allow to dry. Do not walk on surface during drying time.

Please follow the detailed instructions on the product labels. *for additional information, please refer to Page 2*

### Newly installed surfaces

Nearly invisible residues of grouting materials and adhesives bind dirt and make maintenance more difficult. First clean with Lithofin FZ Cement Residue Remover as described on Page 1. Synthetic grouting materials can be removed with Lithofin FZ Intensive Cleaner (undiluted, approx. 20 minutes working time). Scrub using a white pad on polished surfaces and a green pad on rough, matt surfaces.

### 1 Cleaning and refurbishing used or extremely dirty surfaces

- ◆ Before treating used surfaces, the stone must be thoroughly cleaned. All deposits and care product residues must be removed from the surface and from the pores.
- ➔ Dilute Lithofin FZ Intensive Cleaner up to 1:10, apply using a scrubbing brush or a cloth and allow to work for 5 to 10 minutes. Scrub well with a scrubbing brush or machine and wait 5 more minutes. Add water and remove the solution with a mop or a wet-and-dry vacuum.
- ➔ Rinse twice with plenty of clear water until all product residues are removed.
- ◆ Allow the surface to dry for 24 hours before applying a protective treatment.



### Other, stubborn types of dirt

|   |                          |
|---|--------------------------|
| grease, oil, wax, varnish, paint, ink, rubber streaks, etc.       | Lithofin WAX-OFF         |
| calcium deposits, rust discolouration                             | Lithofin KF Active-Clean |
| in very stubborn cases, a scrubbing pad may bring better results. |                          |

### 2 Additional information about protective treatments

- ◆ Despite the outstanding properties of porcelain tiles, staining may occur.
- ◆ A one-time treatment with Lithofin FZ Stain-Stop >W< or Lithofin FZ Stain-Stop reduces the sensitivity of the material and facilitates maintenance. Dirt, oil, grease, etc. can no longer penetrate the surface and staining is avoided.
- ◆ This treatment is recommended for newly installed polished surfaces. Test the products suitability on matt or structured surfaces prior to use.

**Please Note:**

- ◆ **Always test the product in an inconspicuous area.** Non-absorbent or wet surfaces cannot be treated.
- ◆ Use impregnators only on completely dry surfaces. Otherwise, the product will not be able to penetrate into the surface.
- ◆ Do not allow the product to dry on the surface. Carefully remove all excess. In case the product is starting to dry: rewet with Lithofin FZ Stain-Stop >W<.

### 3 Additional care

- ◆ Surfaces subject to heavy wear and tear occasionally require a basic cleaning.
- ◆ Dilute Lithofin FZ Intensive Cleaner up to 1:10 with cold or lukewarm water. Apply with a scrubbing brush, allow to work for 10 to 20 minutes, then remove with a cloth. Rinse with clear water.
- ◆ Some surfaces should be cleaned with Lithofin KF Active-Clean (diluted approx. 1:20) every once in a while to remove calcium deposits.

**Please Note:**

- △ Please follow the detailed instructions on the label.
- △ Greasy or waxy maintenance products may bind dirt and will affect the slip resistance properties of the surface.

△ This information should be considered to be informal and non-binding. The products must be used according to local conditions and materials. Instructions must be read carefully and followed closely. Where no previous experience is available, or in cases of doubt, test the product in an inconspicuous area. (AU3.08gps)

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