

# GENERAL INSTRUCTIONS

## Porcelain Slabs Cleaning & Maintenance Guide



**COSMOS**  
SURFACES

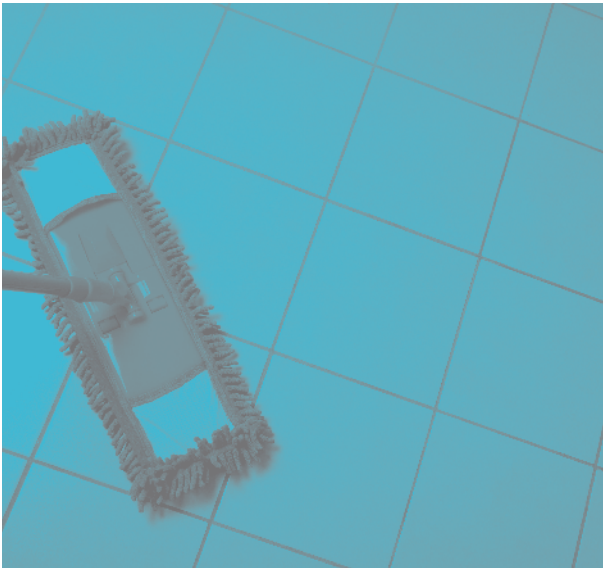
## CLEANING



The term “cleanability” describes the ability to remove stains, dirt and dust deposited on a given surface to ensure necessary hygiene. Since this feature is directly linked to the compactness and imperviousness of the surface, as well as to its non-reactivity (to chemical agents), we can unreservedly confirm that our materials have excellent cleanability. In particular:

- 1** Our materials can easily withstand the action of the most commonly used, normal and acid-based household or professional detergents (with the exception of products containing hydrofluoric acid), although we recommend rinsing with plenty of water after using them.
- 2** Heavy-duty cleaning using machines can be performed without damaging the surface, thus maintaining hygiene even in extremely dirty environments.
- 3** For daily cleaning, just wash with normal, preferably neutral detergents that do not leave smears and/or a film and wipe over with a microfiber cloth: do not apply wax or other similar substances.
- 4** Still, surface colour and finish can also affect the practicality and visibility of dirt on unglazed material.
- 5** Polished, textured or bush-hammered surfaces that are very light or very dark need more care than other colours and may require occasional degreasing to remove any film from the surface.

## DAILY CLEANING OUR RECOMMENDATIONS



- 1** **Carry out correct initial cleaning** (as described above).
- 2** Make sure the water is always clean, particularly for lighter colours. For large surfaces or heavy-duty areas (very dirty), such as shopping centres, airports etc., it is preferable to use a single-brush floor cleaner or washer to vacuum liquid and detergent residue. Use wet vacuum cleaners to finish.

- 1 PRE-POLISHED OR NATURAL SURFACES**  
 This surface is almost completely non-porous, so we do not recommend waterproofing treatment, which is also unnecessary in this case. For everyday cleaning, simply use neutral or alkaline detergents for porcelain stoneware such as FilaCleaner or PS87 by Fila or the like, or simple household detergents like **Mr. Clean, Lysoform, Ajax, etc.**
- 2 TEXTURED OR NON-SLIP SURFACES**  
 Cleaning operations and products are the same as those mentioned above, with the addition of a few simple steps:

  - Rub briskly, using large brushes and bristles, if necessary.
  - Follow the movement of the texture where possible.
  - Rinse with plenty of water.
- 3 POLISHED SURFACES**  
 For daily cleaning, always use neutral or alkaline detergents for porcelain stoneware such as FilaCleaner or PS87 by Fila or the like, or simple household detergents like **Mastro Lindo, Lysoform Casa, Aiax, etc.**; apply with a carefully wrung out microfiber cloth. Rinse with water and carefully dry to prevent the formation of streaks caused by detergent residue or particularly hard water.  
 For very light colours, plan occasional degreasing with alkaline detergents in order to remove any film that may form on the surface.
- 4 COLLECTIONS OF 6 MM THICK SLABS**  
 These slabs absorb almost no water at all so they do not require particularly heavy-duty cleaning. For both surfaces, we recommend post-installation cleaning with acid-based detergent diluted in water, rubbing lightly and rinsing with plenty of water afterwards.  
 For daily cleaning, use neutral detergents diluted in clean water and carefully wring out microfiber cloths for application, avoid concentrated detergents.
- 5 WARNINGS**  
 Please refer to the documentation below for information about the most suitable detergents to use for normal cleaning and for particularly resistant stains. The stain resistance tests performed on the materials with natural, textured and polished surfaces are also available on request.

TYPE OF DIRT	RECOMMENDED DETERGENT for stains resistant to normal cleaning
<p><b>scale</b></p> <p><b>mortar</b></p> <p><b>rust</b></p> <p><b>metal stains</b></p> <p><b>wall colourwash</b></p>	<p>acid-based detergents:                      Keranet (Mapei),                      Bonaclean (Bonasystems),                      Antipolvere (Madras)                      Deterdek (Fila),                      Service Acido/Service                      Solvacid (Geal)                      Decalc (Sutter)                      Det. Acido (Technokolla)                      Kymax Primo (Zep Italia)</p>
<p><b>graphite (pencil marks)</b></p>	<p>Acid-based detergent. Leave on mark for a few minutes then rub with mildly abrasive detergent in cream (e.g. Jif or Detergum) or powder (e.g. Vim Clorex) form. Do not rub polished surfaces too hard or they may lose their sheen</p>
<p><b>beer</b></p> <p><b>wine</b></p> <p><b>ice-cream</b></p> <p><b>ketchup</b></p> <p><b>coca cola</b></p> <p><b>coffee</b></p> <p><b>animal &amp; vegetable fats</b></p>	<p>Alkaline-based detergents:                      PS/87 (Fila)                      Bonadecon (Bonasystems)                      Service Alcalè (Geal)                      bleach                      Jif                      Mr. Muscle with bleach (P&amp;G)                      Jif liquid gel (Lever)</p>
<p><b>rubber tyre marks</b></p> <p><b>resin</b></p> <p><b>enamel</b></p> <p><b>engine oil</b></p>	<p>wax removers in general, alkaline-based degreasing detergents (PS87, Bonadecon, Service Alcalè)                      rubbing with abrasive detergent (Vim Clorex, Jif Cream, Detergum)</p>
<p><b>Felt-tip pen Ink</b></p>	<p>Nitro solvent SR 95 (Fila)                      White Jif Cream + Bleach mixed together and left to dry on the stain</p>