

## Cleaning instructions for MAGNA Glaskeramik

The Stone Masonry Guild's kitchen information sheet states that differences in gloss that are only visible in raking light are caused by natural components in all mineral materials, including MAGNA Glaskeramik, and are not grounds for complaint.

### Hygienic cleaning in the kitchen

Kitchen countertops that are intended for direct contact with food should only be cleaned in such a way that no cleaning agents that could affect the taste or pose a health risk are transferred to your food.

### Impregnation

MAGNA Glaskeramik is a high-density material and have no interconnected pore spaces. Impregnation is only necessary for capillary pore spaces, such as those found in natural stone or coarse ceramic products, but not for MAGNA Glaskeramik.

### Acid and alkali resistance

MAGNA Glaskeramik is resistant to common household food acids, such as acetic or citric acid. Descaling agents based on "amidosulfonic acid" can be used. Basic cleaners with a pH value below 10.5 are suitable for removing greasy or encrusted deposits. Oven cleaners and bleaching agents (e.g., chlorine bleach or oxygen bleach) are not suitable. Depending on the dosage and exposure time, these can cause irreversible damage to the surface.

### Disinfection

Ethanol-based agents and products containing lactic acid, glucoprotamine, or quaternary ammonium compounds can be used to disinfect MAGNA Glaskeramik worktops. Please always follow the safety and usage instructions for the respective biocidal products. Iodine-containing solutions may cause stubborn stains under certain circumstances.

### Easy cleaning

Daily or after use:

Residue-free cleaning is paramount in a hygienic kitchen. We recommend the product "Clinil" from Ecolab, which is used in professional building cleaning. As an alternative from the consumer sector, we recommend "Frosch Spiritus Glass Cleaner."

### Removing fine limescale deposits

Depending on the water hardness, a fine limescale film may form over time, which can be polished and is sensitive to acids. Frosch Citrus Shower and Bath Cleaner or R189 Limescale Remover from Möller Chemie are suitable for removal. It is important to rinse thoroughly with water after use to completely remove dissolved dirt and cleaning agent residues.

### Heavier soiling and dishwashing liquid residue

Dishwashing liquids can leave behind ultra-fine, sticky, and polishable layers. On matte surfaces, this can even lead to unwanted shiny spots. Heavier soiling and this dirt polish can be removed with the cleaning agent "Magic Maxx" in a 5% dosage. (1 liter of cold water and a shot glass (5 cl) of Magic Maxx). The recommended application time

is approx. 10 minutes. Then treat the surface with a soft brush and rinse thoroughly with plenty of water to completely remove dirt and cleaning agent residues.

### **Metal abrasion from bowls and cutlery**

MAGNA Glaskeramik is extremely hard. Metal bowls, forks, or knives can occasionally leave abrasion marks (“scratches”) on the surface. These can usually be removed with a ceramic hob scouring cream (e.g., Frosch Lemon Scouring Cream) and a soft cloth.

### **Mechanics**

Paper towels or kitchen rolls are suitable for absorbing liquids, but in our experience they are not suitable for hygienic cleaning. Please do not use a conventional dishcloth, as these often spread germs and should not be used in a hygienic kitchen.

### **The microfiber cloth**

MAGNA Glaskeramik kitchen countertops are best cleaned with a clean loop microfiber cloth (included in our cleaning set). A proven principle in building cleaning is to always wipe with the microfiber cloth in one direction only. If you wipe back and forth, the dirt picked up by the cloth will be transferred back onto the surface. Please note that our microfiber cloth is not suitable for painted surfaces.

### **Scouring pads**

Be careful when using scouring pads: the yellow side is usually fine. However, the rough, dark side may contain abrasive particles that can scratch even very hard materials. This is necessary for natural stone or coarse ceramic products, but not for MAGNA Glaskeramik.

### **Products not to be used**

Please do not use any of the following cleaning agents:

- Oven cleaner
- Dishwashing detergent
- Bleach
- Quartz-based scouring powder (e.g., ATA, Per scouring powder)

Products with a so-called “pearl effect” can impair the cleaning effect or even permanently damage the surface.