

Maintenance instructions for stainless steel products and accessories.

Products and accessories are produced from high-quality stainless steel. This stainless steel is hygienically safe, easy to clean and easy to maintain. The products are suitable for contact with drinking water and food.

Under no circumstances can aggressive and abrasive cleaning agents be used. The chlorine-based preparations and their compounds must not be used on the stainless steel surface, which can cause surface corrosion. Also do not use silver cleaning agents, steel wool, bleach and disinfection. If the stainless steel surface comes into contact with acids, the surface must be washed with more water and wiped dry.

- Avoid deposition of impurities on the surface. Sediments may contain metallic particles of rust, which are released from other materials and can cause surface corrosion.
- Do not leave objects subjected to corrosion (carbon steel objects) on the products. These objects can corrode over a longer period of time with a wet surface and leave stains difficult to remove on the stainless steel surface.
- For normal cleaning, it is enough to wash with hot water with soap or gentle detergent and rinse with clean water and then wipe dry. Do not use steel wool or other abrasives (eg sand based) in any way.
- In the case of brushed surfaces, it is necessary to keep strokes in the same direction as the drawing on the ground surface.
- When washing and using detergents, always rinse the product with clean water and wipe it dry.

Factors affecting the corrosion of stainless steels:

1. **High levels of chlorine:** Stainless steel is resistant to a certain concentration of chlorine. If the concentration is higher than 2mg/litre, corrosion may already occur. It also depends on how long the stainless steel material is exposed to an increased chlorine concentration.
2. **The concentration of dissolved salt:** Dissolved salt, which deposits on the surface of stainless steel, prevents access to oxygen on these surfaces and at the same time prevents the formation of the passive layer and its regeneration. Electrolysis of the salt (NaCl) - causes irreversible damage to all stainless surfaces.
3. **Changing in pH:** The pH must be correct according to the manufacturer's instructions (7,2 – 7,6). Any change, especially pH reduction, causes water aggressiveness and corrosion of stainless materials.
4. **Combination of chlorine and humidity:** The most common is the combination of both factors, ie condensation of water and chlorine.
5. **Linking or contact with different materials:** it may cause contamination with other metals, resulting in an electric cell and consequently galvanic corrosion.

Maintenance of plastic products and accessories

- Perform routine cleaning with a commercial detergent (as instructed on the detergent label). Liquid soap solution can also be used.
- Never use abrasive detergents (sands) on plastic surfaces.
- Also, do not use any solvents (toluene, acetone), nitro thinners, alkaline detergents (eg ammonia-based), acids (eg sulfuric acid).
- Use of aggressive substances may cause irreversible surface damage. Do not use scouring pads, sandpaper, etc., as this may scratch the surface.
- For soap dispensers we recommend the use of liquid soap intended for this purpose (soaps without increased salt content), which is aggressive towards metal parts and contains no substances that can settle in the dispenser and thus clog the dispensing mechanism.

Maintenance of chrome-plated products and accessories

- For cleaning of chrome-plated products, use only those detergents intended for this purpose.
- Do not use detergents containing hydrochloric acid, formic acid, phosphoric acid, chlorine bleach, abrasive detergents, abrasive aids (abrasive sponges, scouring pads, etc.).
- It is essential to follow the instructions for use provided by the detergent producers.
- Cleaning should be carried out with the prescribed dosing and duration, with focus on the specified items and depending on the needs.
- After cleaning with a suitable detergent, rinse with plenty of clean water and wipe the product dry.

Regular, gentle and thorough maintenance ensures long product life