

## TERMS OF WARRANTY

The manufacturer provides a 24-month warranty on their products under the condition that the customer complies with the specified conditions of maintenance of the product, follows operational recommendations and remembers about a warranty inspection to be conducted after 12 months.

Warranty does not cover mechanical damage, natural wear and improper use of the product. The guarantee does not cover seals and other consumable items.

## MAINTENANCE AND OPERATION

An important factor influencing the corrosion resistance is smooth and clean surface. Even minor scratches or damage to the surface, can give rise to corrosion. The first symptom of general corrosion of steel is usually tarnishing of the surface. A rapid removal of appearing damage and tarnish is recommended.

### Reasons for changes in the surface appearance may be as follows:

- the use of steel grade in a more hostile environment than expected,
- contamination of the surface of stainless steel by iron particles in transportation and as a result of the use of inappropriate tools or abrasive materials for cleaning and operation.
- contamination or operational damage

### Principles of operation and maintenance:

- use cleaning and maintenance products as well as tools for stainless steel
- for cleaning stainless steel products, it is recommended to perform a small cleaning test in an inconspicuous area to check to which extent, the methods of cleaning, used tools and products affect the appearance of the final surface.
- in areas exposed to excessive moisture and water, it is recommended to avoid the risk of galvanic corrosion (between elements of stainless steel and carbon steel), e.g. by ensuring proper electrical insulation.
- protect stainless steel in transportation and during the assembly against any contact with carbon steel, use clean, professional tools exclusively designed for stainless steel.
- use brushes made of stainless steel for cleaning (in case of heavy soiling) or special non-woven fabric. Beware of scratches and changes to the surface texture.
- don't use abrasive spheres for compressed- air filter cleaning, which had been previously used to clean carbon steel.
- never use hydrochloric acid to remove deposits of cement mortar, the mortar must be rinsed with clean cold water before hardening.

## EXAMPLES OF METHODS OF REMOVING OF MOST COMMON DIRT AND DISCOLOURATION.

### 1. Fingerprints

Wash with alcohol or diluent. After washing, rinse with cold water and wipe dry.

### 2. Oils, greases and lubricants

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Wash with organic solvents and then with warm water with soap or mild detergent. Rinse with clean water and wipe dry.

### **3. More resistant stains and thermal tarnish**

Wash with mild scrubbing detergent, rubbing in the direction of the polished surface. Rinse with clean, cold water and wipe dry.

### **4. Strong discolouration**

Clean with slightly rough dish cloth in the direction of the visible surface structure. Rinse with clean cold water and wipe dry.

### **5. Traces of rust**

As a result of external factors (e.g. contact with iron filings) on the surface of stainless steel rust may appear. In this case, moisten the surface with the solution of oxalic acid and leave it for about 15-20 minutes and then wash it with mild detergent. Rinse with clean water and wipe dry.

### **6. Paints**

Wash dirty surface with solvent for paints and then rinse with clean water and wipe dry.

### **7. Scratches on the surface**

Slightly polish with non-woven fabric in the direction of the polished surface (using the material which contains no iron), and then wash with mild detergent, rinse with clean water and wipe dry.

### **CAUTION**

For cleaning stainless steel products, you must not use agents which contain compounds such as: chlorine, salt, acids and bleaches. Even a small amount of chlorine in agents used for cleaning can cause permanent damage to the chromium oxide layer responsible for corrosion resistance properties and leads to corrosion. Do not use any powders or other agents with abrasive properties, products for cleaning silver, wire sponges and scourer