

Stainless steel



We would like to point out that the stainless steel used by Südmetail is rust-free according to the standardized guidelines. Nevertheless, over time, soiling can occur, such as lime deposits or flash rust. To ensure that you can enjoy our products for a long time, we recommend that you follow the recommended cleaning instructions:

Cleaning and care

Professional processing, cleaning and care are the basic requirements for high resistance of stainless steels to environmental influences.

Modern stainless steel cleaners offer the possibility to remove light organic soiling (grease films) as well as lime deposits and flash rust. They regenerate the passive layer and thus maintain the natural protective effect of the material.

Alkaline cleaners can also remove stronger organic soiling without damaging the material. Cleaning agents containing chloride and hydrochloric acid should be avoided at all costs.

Cleaning intervals

The cleaning intervals for stainless steel in indoor applications are not fundamentally different from those for other surfaces. In order to keep work and costs as low as possible, cleaning should always be carried out before coarse soiling has accumulated.

In outdoor applications, stainless steel can be exposed to a number of corrosive stresses, e.g.

- Coastal atmosphere
- Industrial emissions
- De-icing salt spray water
- Air pollution and traffic gases

Overview

Type of dirt	Type of cleaning
Plastic film	Heat the foil with a hair dryer and remove. Film and adhesive residues can be removed with methylated spirit.
Lime and mortar splashes	Can be removed with diluted phosphoric acid. Then rinse thoroughly with clear water.
Iron particles and corrosion	Iron particles must be removed immediately with a special cleaning agent and a ferrite-free sponge. If spot corrosion has already occurred, it can be removed by careful grinding or polishing.
Ink residues	Can be removed with an alkaline cleaner.
Oil and grease	Can be removed quickly and easily with a spirit or acetone.
Fingerprints	Easy cleaning with detergent.

Maintenance cleaning should be carried out at intervals of 6 to 12 months in less heavily loaded environments and 3 to 6 months in more heavily loaded environments.

