



Characteristics and Maintenance of Stainless steel

This information is to assist you in maintaining your Malmsten products and equipment to ensure a long service life.

A pool is like any construction

It requires ongoing maintenance and up keep. Stainless steel derives from a composite consisting of metal, magnesium and carbon. Chrome and nickel are then added to create a new alloy.

To merit the term “stainless”, it must include 10.5% chrome and about 8% nickel. Malmsten manufactures swimming pool equipment in solely 316L stainless steel of the very highest quality.

What makes Stainless Steel corrosion-resistant?

A chromium oxide film forms onto the surface, it's invisible, making it resistant and highly protective. It is formed once the oxygen molds together with the chrome. This extremely thin film naturally adheres to the stainless steel and self-repairs when oxidized.

Prevention and Maintenance

After installing your new stainless steel equipment, it is important to develop a Maintenance schedule to prevent the chromium oxide film from becoming inefficient. An unclean surface can often be your worst enemy. Dirt, grease and deposits due to evaporation, must be cleaned away by washing the surface with fresh water (not pool water) and drying it with a cloth.

All stainless steel items around the pool should be washed down daily. Other stainless items should be cleaned by wiping once a week and treated with stainless steel cleaning substance. Brown staining of stainless steel items is an indication of either an inadequate cleaning regime or an aggressive pool hall atmosphere.

Carbon steel brushes, scouring pad or carbon steel wire wool should never be used on stainless steel. Chemical cleaners must be compatible with stainless steel. You run the risk of contaminating your stainless steel with metal deposits from such tools.

Maintenance Kit for
Stainless Steel

Art 2018010



Weekly

Wash with a soft brush or cloth on all parts over the water level, with non-chlorinated water. Never use steel wool or other product that may scratch or damage the product.

Monthly

Wash with a soft brush or cloth on all parts above and below the water surface, with non-chlorinated water. Polish the tube, anchors, posts, shiny surfaces and the brushed parts above the water with stainless steel cleaning products. Never use steel wool or other product that may scratch or damage the product.

Important: Avoid harsh chemicals that can damage the stainless steel, e.g. when cleaning floors and tiles. Be sure to rinse and dry properly afterwards.

Selected When it Counts