Actulux
Electrify your skylights

Operation & maintenance instruction for SA Power in stainless steel version

When using stainless steel in aggressive environments such as slaughterhouses, swimming pools, bathing facilities etc. the steel must be maintained according to the following instructions:

Before use, the steel must be surface treated, and this we recommend every two months.
In cleaner environments, surface treatment may be sufficient a couple of times a year.
The surface treatment is done with products that are suitable and approved for use in specific environments. The manufacturer's instructions on this must be followed.
In the food industry, e.g., use protective oil such as veterinary oil.
In swimming pools, a higher level of maintenance is required: more frequent washing with fresh water and general cleaning.
You can protect the steel in the most vulnerable places with petroleum jelly, wax or use different care and protection agents e.g. product PROLAN.

Steel quality for SA Power

Axles and plate parts	AISI316 (A4)	Stainless - acid resistant
Gas springs and motors	AISI304 (A2)	Stainless - NOT acid resistant
Other small parts	W 1.4116/1.4122	Stainless

Products for cleaning
Almost all common cleaning products can be used. However, chlorine and similar chlorine-containing products should be avoided since chlorine can attack stainless steel. Should one still prefer chlorine-containing cleaning products, immediately after cleaning rinse thoroughly with clean water.
Soda, borax and sodium perborate are excellent cleaners.
Organic solvents such as gasoline, acetone, alcohol etc. do not damage stainless steel.
However, hydrochloric acid must never be used.

Tools for cleaning
All common brushes, sponges and cloths can be used.
The special Scotch-Brite pot sponges can also be used without problems for extreme dirt.

Warning
Never use steel wool or similar for cleaning and maintenance of stainless steel.
Steel wool e.g. makes iron diffusion on stainless steel, and this starts a corrosion attack on the stainless-steel surface.

Cleaning methods
1. The lightest and most effective method for cleaning and maintaining stainless steel, is regular cleaning with fresh water in abundant quantities. When following this simple rule, it's rarely needed to do anything further.
2. Has the stainless steel been soiled by dust etc. please clean with ordinary cleaning products and a soft brush or sponge following rinsing with clean water.
3. If the damage has occurred, and the stainless-steel surface is not stainless but has a brownish edge of rust, it is not yet too late to re-establish the stainless steel surface.
   Dip a Scotch-Brite pot sponge in water and scrub the stainless-steel surface until the rust is gone.