

## Materials and maintenance – Line 18®

### Line 18® Sanitary in satin stainless steel (AISI 304)

Line 18® Sanitary are as standard made of satin stainless steel, ideal for modern buildings and offering optimum corrosion protection in ordinary atmospheric conditions.

#### Material and surface

Stainless steel is well-suited for use where high demands are made of durability, hygiene and corrosion resistance, as it forms a thin, protective oxide membrane, which gives a strong, sealed and protective surface highly resistant to mechanical wear.

The alloy used is designated AISI 304, with the following material specification:

Chrom 18-19 % ; Nickel 8-10 % ; Carbon  $\leq$  0,07 % ; Manganese  $\leq$  2 % (according to EN 10088)

Despite the inclusion of substances such as nickel, stainless steel is considered to be non-allergenic for use as lever handles, fittings and the like. A number of subcomponents can be made in other materials, such as polymer, brass or aluminium. These are used to improve the product's function, production and durability.

#### Maintenance and cleaning

Function and fitting of Sanitary fittings should be checked regularly. Any loose fixings should be tightened and all surfaces cleaned.

The protective oxide membrane on stainless steel can be attacked in industrial and urban areas, where sulphur and nitrogen oxide levels can be high, plus in coastal areas where high levels of chloride can occur, causing the surface to run and form red-brown spots reminiscent of rust. Such occurrences are however only superficial and can be easily prevented or removed by ordinary cleaning.

Recommended cleaning materials are hot water, mild detergent, soft brush or synthetic soft sponge. In special circumstances, a polishing agent suitable for stainless steel can be used. Never use scouring sponge or steel wool, as these can damage the surface!

Guarantee applies only if the products are correctly fitted and maintained.

#### Environmental conditions

Stainless steel does not emit any harmful fumes or metals if used alone. It is generally classified as non-environmentally dangerous waste, but since it contains heavy metals, should be disposed of as iron/metal industrial waste, to ensure correct sorting and recirculation.

No safety datasheet or environmental marking are available for Line 18® products.

#### Further information

In the event of uncertainty as to use, maintenance or disposal of Line 18® Sanitary, please contact the distributor for advice and guidance.