

Appearance of stainless steel, advantages of aluminum



PROCESS DESCRIPTION

INOX technology, meaning anodising aluminium to the colour of stainless steel, is a two-stage process. The anodising process is followed by electro-dyeing. The obtained coating, especially on previously polished or brushed surfaces, gives the appearance of stainless steel.

RESULT

The coating made using the INOX method shows very high resistance to UV radiation and temperature (up to 130°C). It is also characterised by very high corrosion resistance, while not conducting electricity. **Aluminium is a metal almost three times lighter than stainless steel**, therefore, in many industries, the use of aluminium coloured like stainless steel will be a more advantageous solution than just stainless steel.



SUBJECT TO THE PROCESS

This process applies to 1000, 5000 and 6000 series aluminum alloys.

INDUSTRIES

Aluminium coloured like stainless steel (INOX) can be used in construction: as building facades, bathroom or kitchen fittings. It can also be used in widely understood household appliances, as well as in the furniture and electronics industries.