

Anodising of aluminium

High durability and aesthetic value



PROCESS DESCRIPTION

Anodising is the process of producing an aluminium oxide coating on the surface of small parts and aluminium profiles. The anodic layer is closely connected to the surface of the element, which also can be coloured. 70% of the coating penetrates into the material and 30% grows out.



RESULT

The coating has a protective function against external factors, even as aggressive as acid rain or sea water. It also has high aesthetic qualities. The coating can be coloured by chemical or electrochemical method, depending on the desired colour.

SUBJECT TO THE PROCESS

The properties and appearance of the oxide coating predominantly depend on the input material ([type of alloy and the state of aluminium hardening – table](#)), method of manufacturing and preparation of the product surface.

INDUSTRIES

Aviation, construction, electronics / household appliances, automotive, sports and many others.

CONSULTING

We advise on the choice of material, so that the final result can meet the expectations of even the most demanding customers. For further advice, contact our consultant.

