

Anodising

Technique: We work with the **d.c. sulphuric acid process**

Direct Current Sulphuric Acid
Eloxal = Electrical Oxidation of Aluminium
Anodising = Anodic oxidation

Direct current sulphuric acid anodising is the standard process for creating oxide layers on aluminium. Where Eloxal qualities are involved, colourless clear layers are created on aluminium and its alloys.

Benefits:

- Hardness of the oxide layer: 250-350 HV
- good abrasion resistance
- good corrosion protection
- no aluminium abrasion
- Can be coloured for decorative purposes
- Resistant in the pH range from 3-9
- Resistant to solvents

Process time: Usually 4 - 10 minutes, depending on request respectively roughness of pre-treatment

Colours and maximum part sizes for the plant:	colourless	680 x 520 x 250 mm
	black	680 x 520 x 250 mm
	red	680 x 520 x 250 mm
	blue	680 x 520 x 250 mm

single parts with additional effort up to 1'200 x 520 x 250 mm

(more colours by request)

Size accuracy: We are able to anodise your parts with dimensional stability!

Placing orders

We need the following information to process your order:

Order text: Anodise **colourless**
Anodise **black**
Anodise **red**
Anodise **blue**

Information: Please state the aluminium alloy

Enclosures: We need a parts list with the part dimensions

Please enclose a drawing if the parts have to be anodised with dimensional stability. If possible, we should be supplied with a calibre or gap gauge for the smallest tolerance.

If you have any colour requests, please enclose a colour sample with the original aluminium alloy.