



A new anodizing plant
2012

A new era in anodizing

The new anodizing plant represents the latest technology and will be completed in the beginning of 2012. For Purso customers this marks the start of a new era:

- max length of anodized profiles now up to 8000 mm
- cutting edge technology and a fully automated anodizing process ensure consistent quality and an appealing surface-finish.

Environmentally friendly

At the anodizing plant special attention has been paid to environmental sustainability. By building comprehensive up to date waste-water processing facilities and a new bio-heating central Purso complies with the tightest of environmental regulations. Both process and facilities utilize the heating generated by this environmentally friendly method.

Where to use anodizing?

Anodizing improves corrosion resistance. The oxide layer creates a very hard and durable surface. The anodized surface is easy to keep clean and the stylish appearance will keep for decades. Anodized profiles are versatile and used extensively in construction and transportation applications, due to excellent weather-proofing properties.

Anodizing is used more and more in electrical engineering, as well as in the furniture industry. In the medical sector it brings remarkable benefits due to antiseptic surface-qualities.



LV

ES 200

ES 210

ES 310

ES 400

ES 410

ES 600

ES 900

Due to lighting conditions and limitations in printing technology the actual appearance may differ from the printed colors.

Anodizing methods and shades

In **natural anodizing** (LV) a colorless oxide layer is created on the profile surface using direct current. The thickness of the oxide layer depends on the processing time. The aluminium color does not change but keeps its natural appearance.

In **electrolytic color anodizing** (ES) the oxide layer is colored electrolytically. Different shades of brown, up to black, can be achieved by absorbing the coloring pigment into the oxide layer.



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