



# Anodizing



## Additional Plus of Anodizing

### True metallic appearance

anodizing gives aluminum a deeper, richer metallic appearance than is possible with organic coatings. This is because an anodized coating is translucent, and one can see the base metal underneath the coating.

### Environmental

Anodizing is compatible with today's environmental concerns. Anodizing emits no ozone reducing solvents and there are no heavy metals involved in the process.

All our aluminum frames and parts are anodized.  
Here the reasons of our choice....

The broad-based benefits of the anodized finish satisfy most of the factors that must be considered when selecting a high performance aluminum finish. Its advantages go beyond aesthetics.

**high mechanical strength and surface hardness**, compared to other finish, such as painted coatings, anodizing is better when the coating is subject to physical abuse and abrasion.

**Anodizing is an electrochemical process** that converts the metal surface into a decorative, durable, corrosion-resistant, anodic oxide finish. The resulting finish is the second hardest substance known to man, second only to the diamond.

**Film Integrity**, anodizing cannot peel, chip, flake or blister. The coating is actually part of the metal.

**Paint increases the thickness of the surface**, which may lead to possible coupling problems and increase of weight. Anodizing, on the other hand, does "not add weight", since it is an electrochemical alteration of the surface of the existing material.

**Color stability**, anodizing displays excellent long term resistance to sunlight.