



Misconceptions about anodising

How much do you know about anodising?



DISCOVER THE FACTS

Anodising is a low maintenance, translucent finish that has a longer life span than powder coating.

Facts to assist you in your decision-making.



NO misunderstandings
NO confusion
YOUR CHOICE

Facts about anodising



20%

Savings

FACT 1:

Economic Option

Were you aware that, for the same warranty period, anodising is the most economic choice of finish?

We ensure minimum cost savings of 20% to comparative warranty powder coatings on any Western Australian project. On average, you will save 19% with Exterior Smart and 66% on Exterior Plus when compared to its powder coat equivalents.



The 'greener'
alternative

FACT 2:

Green Factors

Anodising results in less of an environmental impact than powder coat finishes. These were the findings of an independent scientific study which found, based on a 100year Life Cycle, "Anodising is better both in terms of energy used (kWh) and Greenhouse Gas (GHG) emissions (CO₂-e) per tonne of aluminium".



Delivery within

12 days

FACT 3:

Delivery - Project Commitment

AWA is local and guarantees that no client will wait longer than 12 days max for their work, regardless of the size of the order. Since 2018 AWA's average lead time has been 9 Days. We pride ourselves on transparent communications by publishing weekly lead time updates to over 350 Architects, Builders and Contractors.

FACT 4: Australian Standard – Correct Finishing Comparison



**EXTERIOR
SMART**
AA20UM

Australian Standards allows for two levels of anodising film thicknesses to suit external use, either moderate, which is typical of metro environments, or severe (coastal) environments.

At AWA we offer two corresponding levels of anodising film:



**EXTERIOR
PLUS**
AA25UM

- **Exterior SMART 20 Microns - 25 yr Warranty**
- **Exterior PLUS 25 Microns – 35 yr Warranty**

FACT 5: Visual Beauty – Lustre

Anodising offers a unique natural metallic lustre, that cannot be replicated. The process results in a totally homogenous protective layer, rather than a deposit such as powder coating which means the surface will not be affected by poor adhesion such as chipping, flaking or peeling. Anodising offers a lustre that lasts for a lifetime.

FACT 6: Colour Consistency

The lustre of natural metal is a feature of anodising and the colour is created by an electrolytic process which creates an extremely hard surface. Delta E is a recognized international 'best practice' method, used by AWA, to measure acceptable colour difference using scientific instruments, producing a lustrous colour that does not fade in the harsh West Australian sun.

FACT 7:

Longevity and Maintenance

Exterior Plus rates 9 on the MOHS Scale of Hardness, second only to diamond. This is why anodising is so popular for many products, from iPhones to aeroplanes, where durability is paramount. This long-lasting corrosion protection and wear resistance requires less maintenance over the life of the product compared to powder coating.

FACT 8:

Warranty

Unlike powder coating, did you know that anodising does not require any special pre-treatment for warranty purposes? In addition, our comprehensive sealing process ensures that the film thickness is maintained. Anodising warrants zero colour loss (no fading) unlike other finishes that experience a percentage of colour loss.

FACT 9:

Consistent coverage – Edge Pull

Anodising protects sharp edges where they occur on the material because the film thickness is consistent, it does not 'thin out' at the corners. Unlike powder coating "Edge Pull" is no problem which can be a real concern with perforated sheet where the quantity of raw edges is multiplied.

FACT 10:

Installation & Damage Repair

Careful handling is the best practice, but for those situations that require touch-up, spray paint can be used on anodised finishes, just like powder coating finishes, however this is a short-term fix as spray paint does not provide the same warranty. Anodising provides a long-term solution for most surface defects with the use of Anodic Rubbing blocks and UF Aluminium Pads, while maintaining the warranty.



anodiserswa.com.au



Where to find us

Anodisers WA
3 Ladner street,
O'Connor WA 6163

Get in touch

Phone: (08) 9337 7644
Email: enquiries@anodiserswa.com.au