

Excellent anodised shades

EN



Anodised Surfaces Collection for Aluminium Composite Panels

Anodising is an electrolytic process which increases the thickness of the natural oxide layer of the aluminium. The result is improved durability and an excellent metallic appearance. The anodised surfaces collection of Elval Colour offers increased corrosion resistance, exceptional durability, ease of fabrication, environmental friendliness, metal look of aluminium. In the new anodised collection of Elval Colour, architects will find a real variety of brushed, bright and natural metal shades which provides unlimited possibilities in design and the power to imagine.

Your Partner in unique façade creation

Elval Colour's anodised aluminium products are available in various shades presenting a wide selection of standard or custom made solutions for the building envelope. Our specialized personnel will assist you in identifying and implementing the best possible colour shade option for your building. Cost, quality, aesthetics and speed of delivery will all be optimized with a view to maximize the performance, weathering resistance, and visual impact of your project. For more information and guidelines, please contact: www.elval-colour.com/en/contact

Design tool for powerful building envelope solutions

In order to ensure colour consistency, we recommend placing a project order in one batch. All anodised colours have to be installed following the arrow direction printed on the protective film and on the back side of the panel & coils in order to avoid colour variation. For tailor made projects special widths are available with a minimum quantity of 500m² per width and thickness.



SURFACE PREPARATION and PAINT CHARACTERISTICS

SURFACE PREPARATION	TOP / BOTTOM SIDE	ANODISING PROTECTIVE PRIMER
Top Surface	Anodizing, thickness Colour: DE within the coil Colour: DE within different production runs Colour fading due to light & UV influences Folding and bending	Continuous coil anodizing 15 µm, tolerances min 15µm ΔE<3 ΔE<3 Uniform colour and gloss evolution under same light exposure Slight creasing might appear
WARRANTY PERIOD	DURABILITY	STANDARD SEALING
	Standard environment, Years	25
	Marine environment, Years	15
Anodic layer thickness		stable over time
Sealing quality of the anodic layer		stable over time
Colour fading		DE ≤8 units in 15 years

