

Tailormade performance

Euramax Premium Colour Coated Aluminium

Euramax premium pre coated aluminium is the elite choice for architectural cladding and roofing applications. Advanced technical capabilities allow Euramax to apply the best in environmentally friendly, multi-layer, water based, PVDF paint technology. Euramax offers a vast range of architectural finishes which are then applied to the ultimate in light weight, highly corrosion resistant, formable aluminium alloys constructed specifically to tackle New Zealand, Australia and the South Pacific's harshest environments.

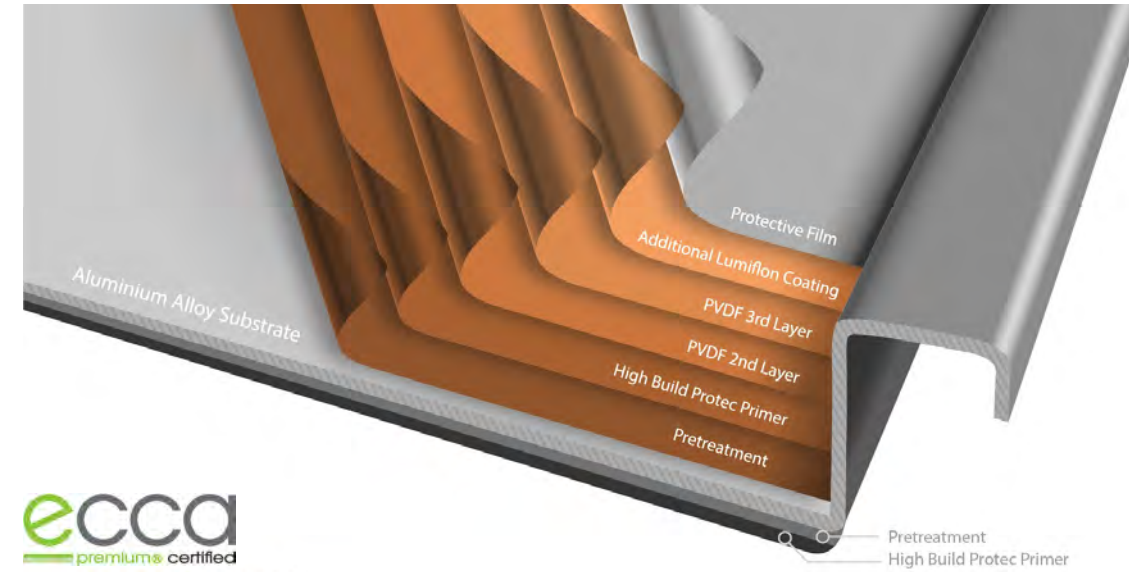
Euramax's European pre coating technology leads the way in colour and design options utilising high performance topcoats giving your project the ultimate protection, look, longevity and warranty it deserves. Such excellence has seen Euramax supply to the worlds largest pre coated architectural projects.

Euramax pre coated aluminium is the low maintenance, affordable, long term solution, favoured for many residential and commercial architectural projects delivering a wealth of advantages over alternative products.

Select from a range of unique finishes held at Ambro Metals service centre or contact us to explore the vast possibilities from an abundance of over 3000 finishes that Euramax has to offer.

Most Advanced Coating Technology

PVDF (Polyvinylidene fluoride) paint systems offer superior performance characteristics in the battle against harsh ultraviolet radiation and chemical attack. The strength of this paint system protects against premature fading, chalking or peeling of the paint surface. The excellent formability of PVDF paint systems allows the forming of intricate architectural profiles while avoiding the problem of micro fracturing in the paint surface. Due to Euramax's technical abilities and state-of-the-art coil coating process, it is possible to offer multiple layering applications (2 – 4 layers), resulting in extended warranty periods and superior lifelong performance. All colour coatings are applied over a high build Protec+ primer coating which bonds to a chromate free pre-treatment process. These water based 70/30 PVDF paint systems are eco friendly and perfectly suited for rainwater harvesting.



Technical

Ambro Metals | Ex Stock Euramax
 Conforms to EN 13523
 Suitable for ISO9223
 Atmospheric Classification C1–C5I and C5M
Substrate
 Aluminium alloys (marine grade)
 Thermal coefficient of 0.024mm/m per °C

Aluminium – High Performance substrate

Aluminium is the ultimate choice for pre-coated metal applications. It is a highly corrosion resistant non-ferrous metal that will not rust or deteriorate like coloured steel products becoming the sensible long-term choice especially in coastal environments. It is almost 1/3 in weight of steel and exhibits strong mechanical characteristics along with high fatigue strength.

Chemical composition	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Other each	Other total	Aluminium
Alloy 5754	0.40%	0.40%	0.10%	0.50%	2.60 - 3.60%	0.30%	0.20%	0.15%	0.05%	0.15%	Remainder
Alloy 3005	0.60%	0.70%	0.30%	1.00-1.50%	0.20-0.60%	0.10%	0.25%	0.10%	0.05%	0.15%	Remainder

Mechanical tolerances acc. to EN 1396 and Physical properties acc. to EN 485/4

Eco-friendly Pretreatment

Euramax coatings are chromate and heavy metal free making Euramax the **GREEN** choice in pre-painted metal exterior applications.

High build Protec+ primer

Applied to both sides of the aluminium substrate. Front and reverse sides of the aluminum each contain 10µm ± 1µm of primer.

High performance top coat

70/30 PVDF water-based paint system.
 32µm ± 2µm of finish coat + 10µm high build primer

Protective Foil

60-80µm protective film is applied to the top layer for protection during fabrication and installation.

Architectural Profile Options

A wide range of both exterior and interior architectural profiles can be produced using Euramax pre coated aluminium with ease. Some key profile types can be seen below utilising available finishes in 0.80mm thick Aluminium. Alternative thicknesses up to 2mm pre coated aluminium can be obtained from Euramax. Speak to the Architectural Support team at Ambro Metals or consult your selected profile manufacturer for more information.

Examples:



Standing seam



Shingle/Hook seam



Interlocking panels



Cassette panels

Premium Warranty

The most important benefit to high-end buildings is our commitment to product quality and performance. This strong quality claim is supported by long warranty periods, 20 years for direct coastal applications and greater for inland projects ≥1500m.



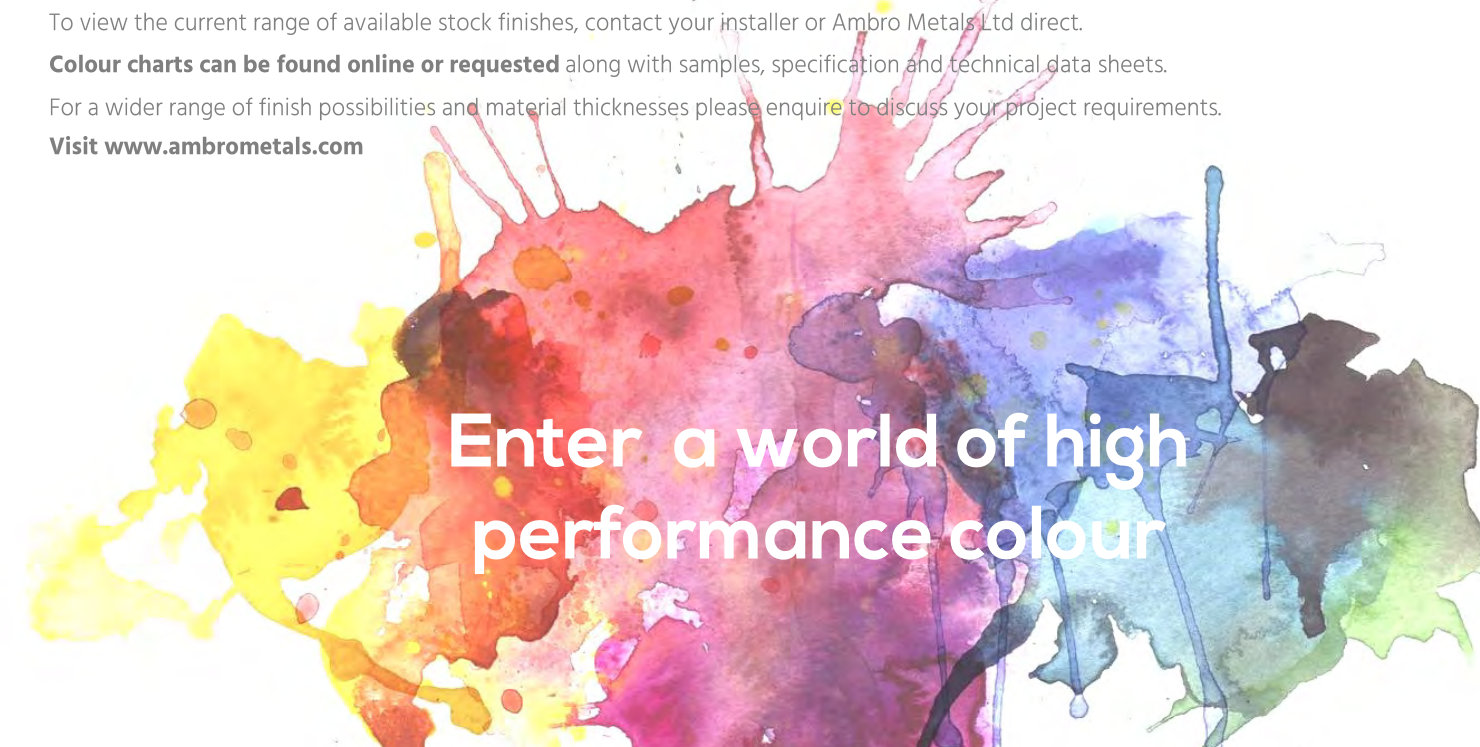
Low Maintenance

Maintenance and upkeep costs are a major driving factor when designing your building envelope. Explore the Inspection, maintenance and repair guidelines within the appropriate warranties to understand the benefits of Euramax products.



Colour range and possibilities

To view the current range of available stock finishes, contact your installer or Ambro Metals Ltd direct. **Colour charts can be found online or requested** along with samples, specification and technical data sheets. For a wider range of finish possibilities and material thicknesses please enquire to discuss your project requirements. Visit www.ambrometals.com



Weiti Bay House, Auckland NZ, Cyprus Oxide
 Designed by Simon Pirie Architects



Papanui Club, Christchurch NZ | Ultra Matte - Grey Black
Designed by RM DESIGN



Omaha Bach, Auckland NZ | Urban Grey
Designed by



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Ambro Metals Ltd



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