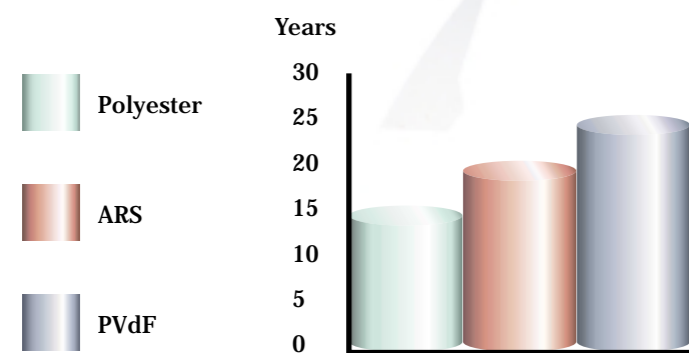


Colour Coated Aluminium
for roofing and cladding -
lasts the life of the building

- Long decorative life and low maintenance
- Virtually unlimited colour choice including metallics and weathered effects
- Freedom from paint flaking and edge creep
- Full British Board of Agrément approval
- Millions of square metres in service. **Not one failure.**

Decorative paint life



These products conform to EN1396:1997.

Service life

Even after the coating has ceased to be decorative the aluminium continues to retain its full functionality. BS5427:1976 states "Plain mill finish aluminium is normally expected to last the life of the building without maintenance."



This chart is indicative of colour only and specifiers should obtain material samples before ordering where shade is critical. Please check in advance for details of pricing of these colours. A minimum quantity for each colour may be required due to restrictions on paint availability.

Certain bright colours and metallics and certain environments, such as heavy industrial and marine, place their own unique limitations on conventional two coat paint systems. In these circumstances Euramax is happy to advise on the availability of product best suited to the application.



Why specifiers prefer coated aluminium

Durability

- Easily the most **abundant** metallic element in the Earth's crust and the most **durable** metal commonly used in architecture, aluminium offers a **problem free** service life in virtually all environments.
- Aluminium's **tough, inert, chemically stable** oxide layer inhibits corrosive attack and reforms spontaneously if the surface is damaged. After prolonged exposure to the elements the surface of uncoated aluminium will mellow to a pale grey patina.
- This **natural resistance** to corrosion means no need for galvanising and so no need to guarantee the life of the cladding before rust sets in. This leads to less demands on materials and the environment.

Coating

- The surface of rolled aluminium is ideally suited to receiving a wide range of different organic coatings, so producing a decorative material that will have a **greater** aesthetic life and **lower** maintenance costs than any comparative product.
- As long as standard fabrication guidelines are followed the coated aluminium supplied by Euramax will **not** flake split, peel or crack.
- Any change in appearance caused by prolonged exposure to the elements will be **uniform** along any elevation, even at the cut edges.

Strength and Safety

- The most commonly specified grade of aluminium for roofing and cladding supplied by Euramax has a **guaranteed** 0.2% proof stress of more than 200 MPa/mm². A **better** strength than steel for less than half the weight.
- Aluminium used in building is non flammable. It will melt when temperatures exceed 650°C - without releasing any gases. In tests carried out by the **Fire Officers Association** at Cardington it was established that significantly **less** structural damage occurred when aluminium was used as a roof cladding as compared with steel. Since aluminium melts at 650°C the roof also vents at a fairly early stage of a fire, so releasing gases and reducing the spread of the fire.

Recycling and Environmental issues

- The product is **100%** recyclable.
- Unlike many modern materials aluminium **does not degrade**, no matter how many times it is recycled.
- An impressive industry infrastructure efficiently converts all used aluminium into new products without any loss of quality.
- Recycling requires only 5% of the energy needed to produce the metal from primary sources.
- The scrap value of aluminium is typically more than **twenty times** greater than that of steel. This inherent value is locked into the fabric of the building for future generations.

Polyester

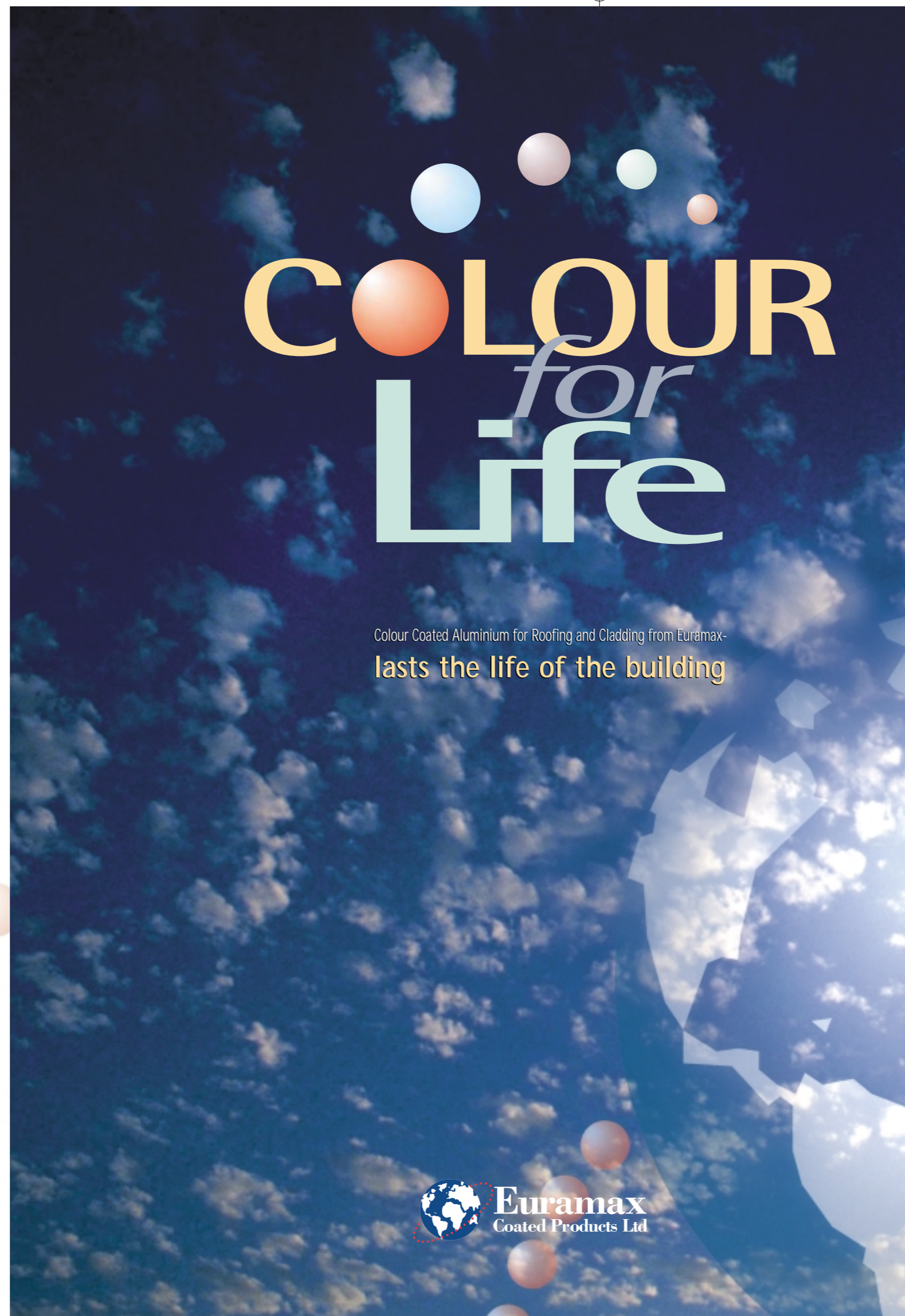
A widely specified and cost effective system available in a variety of gloss levels between 8% (matt) and 80% (full gloss). This product is used to clad the sides of touring caravans and holiday homes and so no stranger to difficult coastal environments.

ARS

A high durability coating with exceptionally good handling characteristics achieved through its extremely tough construction based on polyester or polyurethane resin reinforced with polyamide.

PVdF

After thirty years use this system still represents the state of the art in providing a long aesthetic life. No product in development yet looks like challenging the supremacy of PVdF on aluminium. This is the no compromise choice for all long life and prestigious contracts.



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Important Information

Metallic and Mica coatings are directional. To avoid contrast it is important to ensure that all sheets are fixed in the same (machine) direction and not inverted. Each elevation should be clad with material from the same batch.

Actual colours may vary due to the limitations of the four colour printing process. This colour chart is indicative of colours only.