

**EUROCLAD**

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**Architectural  
fabrications**

The perfect finish



## Euroclad

Being one of the UK's leading manufacturers of steel and aluminium roofing and cladding systems Euroclad has built its considerable reputation over almost 25 years. Main brands, including LINEAR Facade Systems, Euroseam and SF500, have become increasingly popular with architects and contractors: the core metal profiling activities being complemented by a full fabrications and flashings capability.

Synonymous with reliable service and outstanding technical support, Euroclad has strong links with leading manufacturers for specific system elements.

## Quality

As part of its commitment to quality, service and the environment Euroclad operate a Quality Management System approved to BS EN ISO 9000/2000 and an Environmental Management System approved to ISO 14001.

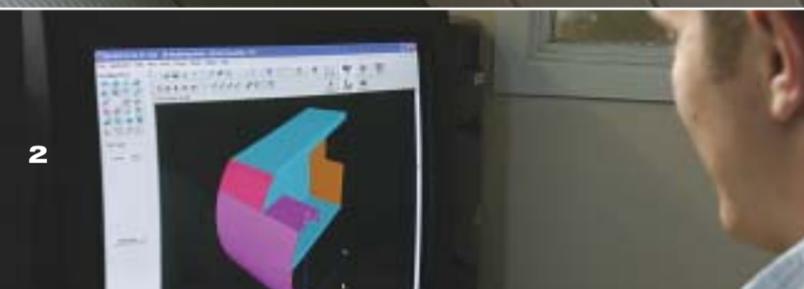
## Why fabricate?

Early fabrications were simple corners for horizontally laid profiled wall sheets. The use of curved sheeting for roofs drove the development of curved flashings. Now the industry demands a wide and varied range of products and materials that include everything from powder coated aluminium bullnoses and concealed gutter and soffit systems to bespoke details for special features. Euroclad's range of fabricated products allows the designer to achieve their goals using both standard details and bespoke items.

## Integrated production process

In line with its on-going commitment to customer satisfaction and providing a 'Total Building Envelope' service, Euroclad has invested heavily in new equipment and personnel for its expanding Architectural Fabrications Division.

The fabrication production plant is located in the same building as the powder coating lines to ensure the smooth running of the whole process. This avoids the potential risk from trans-shipment of items for coating and ensures total quality control from manufacture to despatch.



State-of-the-art 3D modelling system.



CNC controlled turret punch gives consistent accuracy.



CNC roll-former gives unequalled accuracy, flexibility and speed.



Skilled craftsmen add the finishing touch.

One major improvement is the addition of a new CNC-controlled, four roll plate bending machine, extending the range of radii of curved metal profiles that can be processed by Euroclad. Particularly suitable for high volumes, it can produce almost any curve from simple half circle bullnoses to elliptical shapes, and offers excellent repeatability. Capable of accommodating sheet lengths of up to 3m, the new machine has infinitely variable speed drive and roller adjustment.

Euroclad's commitment to providing solutions for specifiers and contractors has resulted in the development of a range of supporting businesses. Our In-house powder coating company, Euro Quality Coatings are Interpon D approved applicators and also supply the demanding automotive and Japanese manufacturing markets.

Our state-of-the-art Cadcam programming system, which began its evolution in the aerospace industry, allows three dimensional modelling of proposed details to allow on screen designing and can clearly identify manufacturing options available as well as ensuring total accuracy in transferring drawings to produced items.

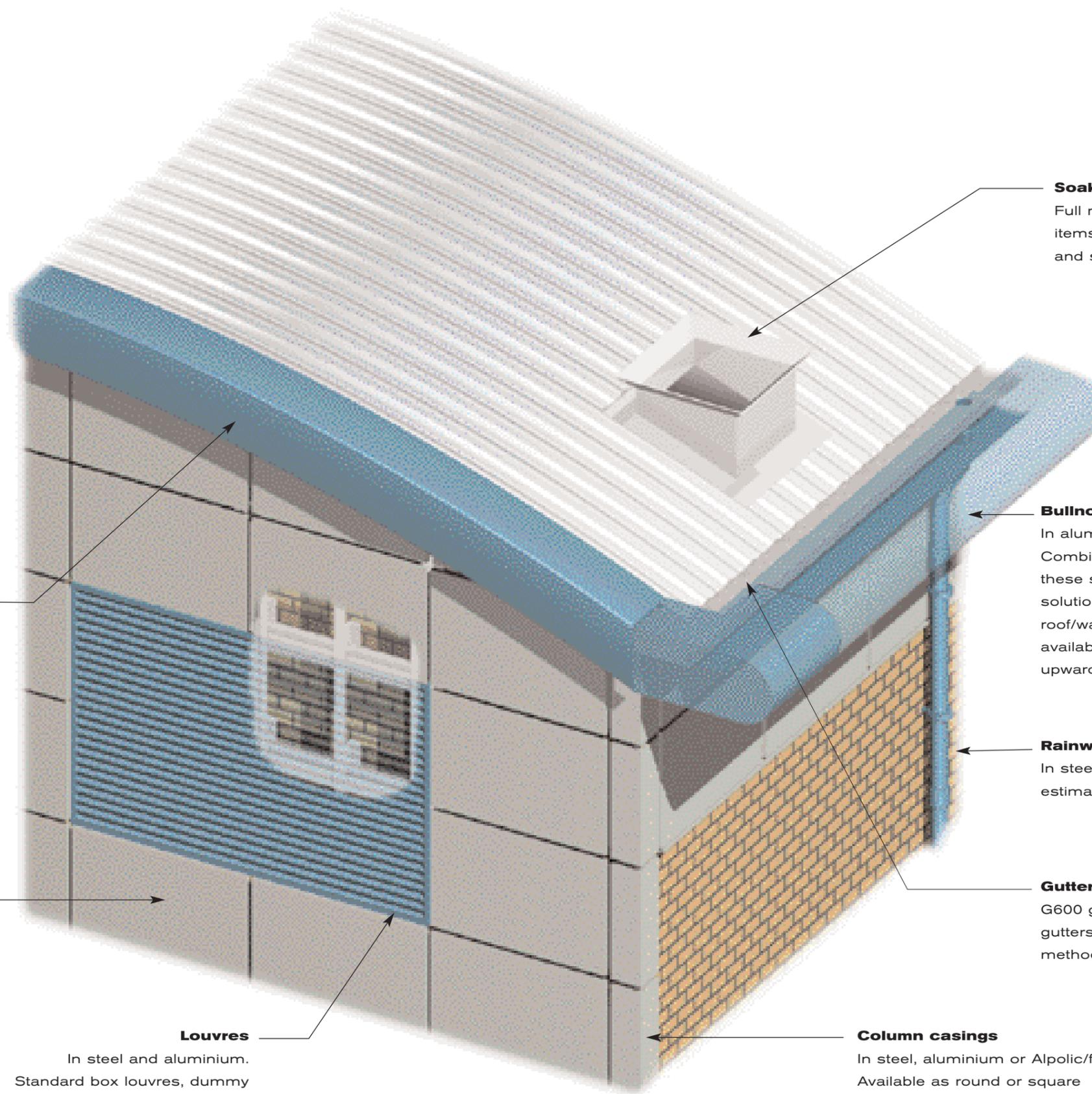
From the receipt of enquiry or order to the final assembly of the parts, Euroclad employ purpose designed computer systems to ensure the highest quality products available.

**Products**

Euroclad Architectural Fabrications can be categorised into systems and ranges.

The standard products cover many requirements but there is always a need to provide bespoke details or features. Euroclad take pride in the ability to manufacture almost anything that can be drawn.

When unique lettering cut from metal was needed for the seminal Wales Millennium Centre it was Euroclad fabrications that demonstrated the flexibility in design, manufacture and supply needed to finish such a high profile building.



**Curved flashings and corners**

In steel and aluminium.  
Highly flexible flashings offer seamless marriage of verge to eaves details, interfacing directly with Bullnose and Soffit systems.

**Cassette panels**

In Aluminium and Alpolic®/fr.  
A plethora of panels are available with a range of recess and flush joints.

**Louvres**

In steel and aluminium.  
Standard box louvres, dummy louvres, triangular and curved head as well as a host of other options are available.

**Soaker units**

Full range of bespoke ancillary items available in aluminium and steel.

**Bullnose and soffits**

In aluminium or steel.  
Combined with rainwater goods these systems offer a complete solution to all roof drainage and roof/wall interfaces. Bullnoses are available with radii from 110mm upwards.

**Rainwater goods**

In steel or aluminium with free first estimate rainwater calculations.

**Gutters**

G600 galvanised or aluminium gutters, using a variety of jointing methods.

**Column casings**

In steel, aluminium or Alpolic®/fr.  
Available as round or square casings for clean details.

## Materials

### Aluminium

Standard mill finish material and a wide range of RAL colours in PVDF, ARS and Polyester are available from stock. Alpolic®/fr offers additional choice. Further coating and colour choices are available through consultation.

### Plain mill finish and powder coated

Euroclad manufacture fabrications in a wide selection of gauges, each suitable for its application. The alloys used are chosen for their properties to ensure performance for their application.

### Precoated and Stucco embossed

All precoated aluminium fabrications and Stucco embossed items in 0.9mm are manufactured from the same material as used for our aluminium sheet systems, maintaining colour consistency.

The alloys are used throughout the industry and conform to BS EN 485-2, BS EN 573-3:1995 and BS EN 1396:1997 respectively. BBA certification is available on request.

The durability of the materials is excellent with mill finish aluminium having a minimum service life of 40 years in non aggressive environments and a minimum of 25 years in severe industrial or marine environments.

### Alpolic®/fr

Euroclad are working closely with Mitsubishi Chemical to introduce a new range of Alpolic/fr aluminium composite materials to the UK and European markets. This material is flourocarbon coated, fire resistant and offers excellent lightweight performance. It is best suited to highly visible applications and allows interfaces with façades to be integrated.

### Steel

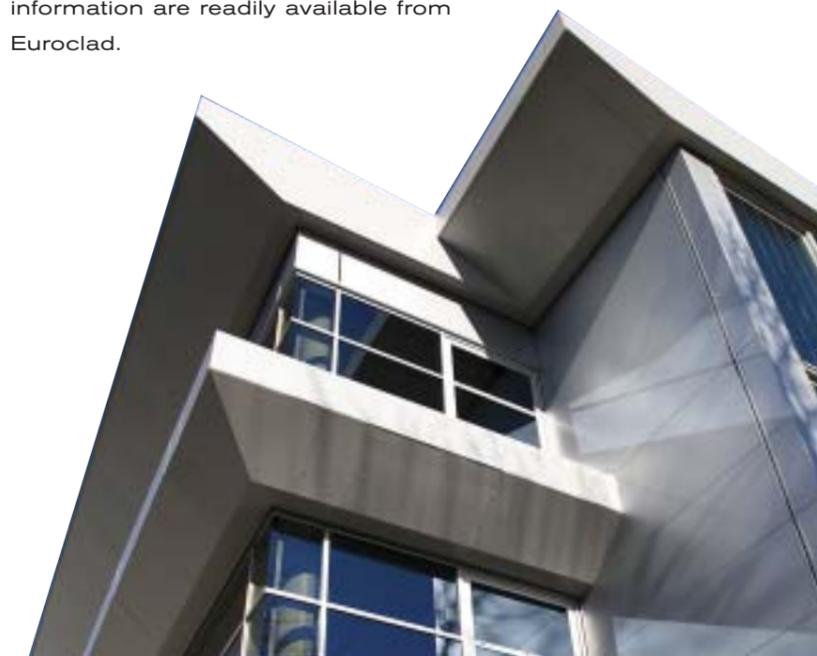
Euroclads extensive stocks of precoated steel offer immediate colour matching of profiled sheets to our precoated fabrications with Corus Colorcoat HPS200, PvdF and other coil coated products.

An application can be made for the Confidex Warranty from Corus for flashings and fabrications as well as on profiled sheet.

G600 galvanised steel (600g of zinc on each side) is the standard material choice for valley and boundary wall gutter systems.

A wide range of other items are produced in galvanised steel for powder coating.

Standard colour charts and material information are readily available from Euroclad.



## Fabrications - product selector

	Standard Parameters	Standard length	Joining method						Material		
			Collar Swaged	Collar Loose	Joggle Joints	Mastic	Nuts and Bolts	B. Strap Standard	B. Strap Secret Fix	Steel	Aluminium
Rainwater Goods – Aluminium	100mm Diameter	3m	•							•	
	150mm Diameter	3m	•							•	
	100mm square	3m	•							•	
Rainwater Goods – Pre-coated Steel	100mm square	3.658m		•						•	
Boundary Wall and Valley Gutters	Bespoke	3m (2.95m Joggled)			•	•	•			•	•
Bullnose Flashings	Mid Rad 115 (2mm)	3m						•	•	•	•
Soffets	Bespoke	3m						•	•	•	•
Column Casings	Bespoke	3m						•	•	•	•
Curved Flashings	Bespoke	3m						•	•	•	•
Louvres	Maximum Drop 1.5m	2m/3m								•	•
Europanel Integrated Louvres	Maximum Drop 1.5m	2m/3mm								•	
Soakers	Bespoke	N/A								•	•
Cassette Panels	20 x 20 Flange	Bespoke								•	•

## Finish in style

If a stunning finish is needed for your next building make sure you choose Architectural Fabrications from Euroclad.

Available in a huge range of materials, colours and finishes Euroclad Architectural Fabrications have the experience, know-how and back-up to supply highly finished fabrications that are expertly manufactured and delivered on-time.

