

Quantal Aluminium Roofing  
A grand design solution for today's customers

# QUANTAL

THE QUANTAL SYSTEM - ALUMINIUM BY DESIGN



**Quantal Aluminium Roofing Systems - Orangeries Conservatories and Atriums**

# The Quantal Collection

At Quantal we offer a complete range of products to compliment our roof system. All products are designed and manufactured on site by our skilled craftsmen so you are guaranteed only the highest quality.

## Orangery Cassette System

Our quick & easy modular orangery system



## Aluminium Bi-folding Doors

Our innovative conservatory entrance system



## Widespan Glazing Bars

Up to 5.2m Lean to roofs without added structural support



## Conservatory Glass Selection

A choice of glass for every requirement



## Low Pitch Roof System

Designed for height restricted conservatories



## Airscape Roof Vent

Our truly universal roof vent for all system types



# Welcome to Quantal



The Quantal aluminium conservatory roofing system offers you a unique solution for Conservatories, Orangeries and Atriums of distinction.

We specialise in creating custom made, hand finished conservatory roofs which offer an engineered solution to your roofing requirements.

A unique solution for your bespoke project

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From the most traditional conservatory through to striking designs for the most contemporary orangery systems, atriums and glasshouses we can bring any project to life.

## How do we do it?

You may be wondering how we make such a superior roof so easy to install?

Well its all about our patented innovations that not only make installation easy but improve long-term performance and offer structural versatility.

**Read on to find out about the innovations behind the success of our structures...**

6 innovations make our roof quick and easy to install

# The Secret to our Success

The patented innovations within our new roof make it as quick and simple to install as any other roof that you may have worked with. Installation is familiar and logical, no matter how complicated the design.



## RotaFit

Rotafit makes Quantal more durable and faster to fit. Rotafit is a true engineered solution with a Patented twist-and-lock action. It allows installers to complete this process with fewer components and achieve a more durable finish.

The RotaFit heat-treated cast gallery has been engineered and load tested to withstand 8 tonnes. It is a simple, innovative solution that dramatically cuts installation, improves installation accuracy and makes weathersealing less reliant on sealants.



## Jack Rafter

Our Patented Jack Rafter system means less time on site and improved weather tightness. Precise factory-fabricated sections speed up installation time by creating positive location for all fixings and using fewer components. The Hip Bar is glazed with a square bead to provide a precise platform for the Jack Rafter bead to butt up to.



## TwinFast

TwinFast is a quick and simple fixing solution for glazing bars that provides positive location every time. Glazing bars simply slide into place and TwinFast's inbuilt spacer creates the perfect glazing plane.

Multi-purpose components = fewer parts = quicker installation

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## Box Gutter Eaves

The Box Gutter Eaves provides the soundest of footings to build your roof from. The Box Gutter Eaves is a structural aluminium box section with an engineered knuckle to accept the aluminium rafter suit. Guaranteed to provide you with a premium quality installation for years to come.



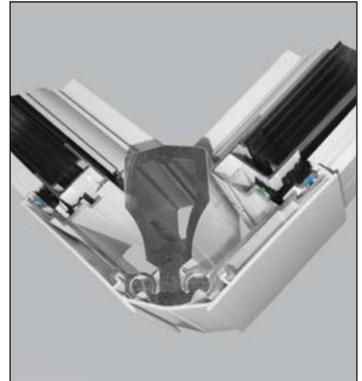
## Ridge Options

UniRidge is a one-product solution to countless design challenges. It suits pitches between 22° and 30° and accepts 24mm DGSU, 25mm or 32mm polycarbonate. UniRidge also works with our new clip-on wall flashing trim. We've also redesigned our variable ridge with new top flashing and cresting detail. It's now faster to install - no screwing-on just clip-to-fit - and capable of variable pitches up to 37°.



## Valley Detail

Our new valley detail speeds up glazing and increases design flexibility - without increasing complexity. It features an enhanced glazing stop that eliminates glazing slip. The option to vary pitch by up to 15° within the same product simplifies design, reduces components and keeps installation simple. Other labour-saving features include positive engagement with the glazing stepper and a revised glazing plane to ensure correct positioning of glass. Increased cladding clearance also improves the thermal performance.



Superb structural strength makes it easier to create bespoke designs



## Add choice with colours and real wood finishes

Do you like the look of timber but not the time and money it takes to install? Quantal has the solution...

**natural**  
conservatory timber finish

Natural is our real-wood veneer internal finish designed to match timber frames. It can be painted, varnished, and stained to give a perfect match with other timber finishes.



**For more information on our finishing options call us on 01626 832355**



The superior good looks of Quantal's bespoke aluminium structures are perfectly suited to creating a truly unique coloured conservatory.

Earthy heritage colours combined with the authenticity of our period style external aluminium features will enhance the traditional feel of distinguished period properties. Or, if you want a more contemporary look one of our bold colours really compliment a modern orangery structure.

In our purpose built paint shop we can apply high grade acrylic paint in any RAL or BS shade colour allowing infinite choice and a flawless, durable finish.

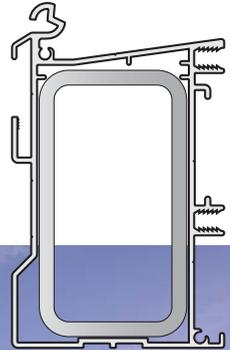
The specialists in coloured roofs

# The Quantal Bi-fold Eaves

## The ideal solution for Bi-fold doors in Conservatories

At Quantal our Bi-fold Eaves ensures you can easily incorporate a Bi-folding door without affecting the Bi-fold doors operating mechanisms. The Quantal Bi-fold Eaves eliminates the need for unsightly and costly steel structures to support door openings. Quantal provide a truly engineered solution without affecting the internal or external aesthetic.

Quantal's Bi-fold Eaves can give you up to 4.2m openings using polycarbonate as your roof glazing material, or up to 3.6m using a standard DGSU. This will provide an opening to fit typically a 4 or 5 panel Bi-folding door, with no change to the internal or external aesthetic of your conservatory.



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## Internal Eaves Options

### Heritage Architrave

Our adjustable internal eaves beam cladding system brings the superior aesthetics of the Quantal roof inside. Available with internal and external corner trims the clip on cladding offers variable height settings to speed up installation.



Available in white or foiled finishes the Heritage Architrave is a perfect match for all frame types.

### Luminaire Lighting System

Luminaire is Quantal's uniquely designed conservatory lighting system that provides subtle background lighting. Cleverly incorporated into your conservatory Luminaire is unobtrusive and can be easily installed with Heritage Architrave cladding without the need for mechanical fixings.

