



The Ultimate in Orangery Design

Orangeries | Extensions

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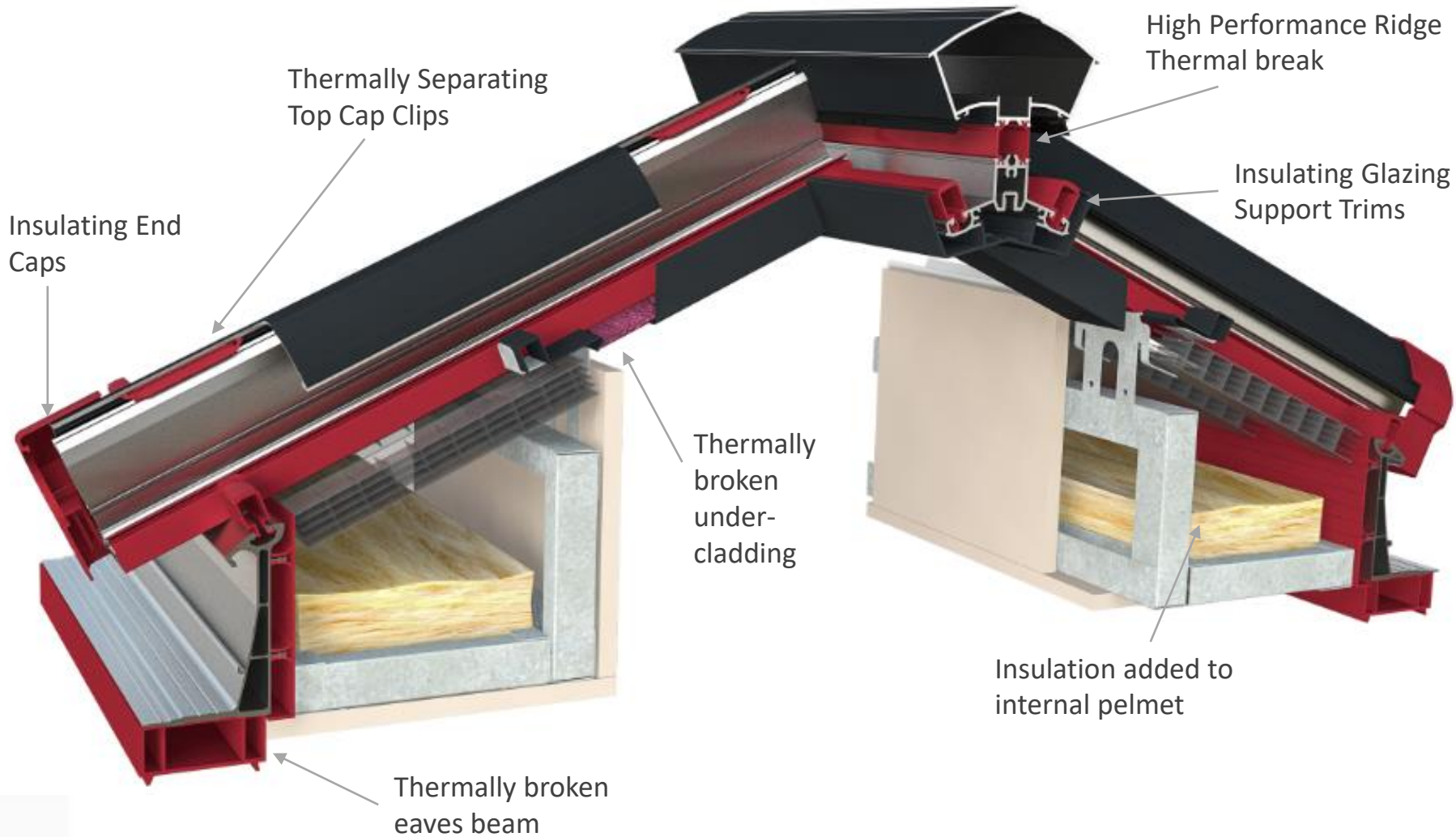
Ultrasky roof creates a premium orangery look

- 25% less bars than conservatory roofs
- Internal pelmet creates the illusion of an orangery roof deck
- Four orangery fascia designs to choose from
- Lantern roof without 'conservatory like' bulky ridge ends
- Engineered by Ultraframe the conservatory experts
- Optional hidden 'goalpost' saves you money on steelwork if you want large bi-fold or sliding doors



Thermally Broken – Inside and Out

Reduces the risk of condensation in kitchen extensions where temperatures fluctuate rapidly



Internal Insulated Pelmet

Creates the lantern orangery look on the inside

The integrated insulated pelmet when combined with the lantern roof looks just like a traditional orangery deck with a roof lantern, but at a fraction of the cost.

- Plastered to create a room like design
- Adds cosiness and warmth where you need it
- A practical place for spotlights or speakers
- Variable in width to suit the proportions of your room from 300mm to 1200mm



Super-Insulated Columns

Create a orangery that's as warm as an extension

Thermally efficient to maximise your views yet maintain a consistent, comfortable temperature

- 5 times more thermally efficient than a brick pillar
- Plastered finish creates a cosy, warm room
- Aluminium finish looks great with bi-fold or sliding doors
- Any colour available to match window frames
- Available at the house wall, corners and between window frames
- Optional corner heaters provide a practical way to add heating to your conservatory



Cornice

Design your own Orangery Fascia

Choose from 4 styles

- Hides gutters and end cappings
- Choose a the flat cornice in 1 2, or 3 tiers to suit the proportions of your property for a contemporary look
- Choose curved cornice for an elegant shape
- Available in any colour to match windows and doors
- Gutters easily accessible for cleaning



Shown here with a white Curved Cornice that creates a more traditional look



Integrated Structural Goal Post

Concealed within the Ultrasky Roof for uninterrupted sight lines and maximum light.

The unique 'Ultraspán' frame spans up to 6m and is lightweight and easy to manoeuvre on site. Designed to be used with wide door openings it is easily concealed within brick piers or super-insulated columns.

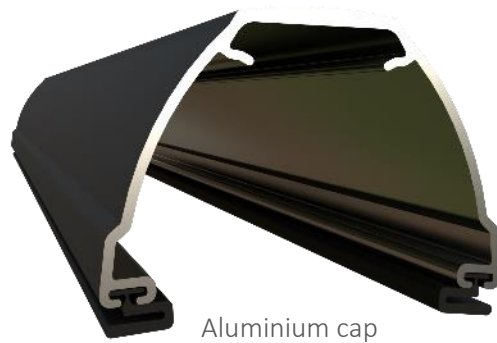
1. Aluminium vertical post
2. Aluminium Horizontal Beam
3. Protective Adhesive Expanding Foam Tape
4. Aluminium L-Shaped header Bracket
5. Extra External Fascia Trim
6. Modesty Panel Factory Cut to Fit
7. Internal Fascia Factory cut to fit
8. Protective Adhesive Glazing Packer



Strong, secure glazing bars

The Ultrasky glazing bars provide superior strength, security

1. A patented 'teeth' anchor mechanism ensures the top-cap fits tightly and can never be prised off
2. Concealed externally facing weatherproof gaskets hold glass securely in place
3. Thermoplastic Elastomer gaskets provide extra weatherproofing and grip
4. Patented, high strength top caps improve thermal performance and security (Choose uPVC or Aluminium)
5. 'Wine glass' shaped aluminium provides torsional rigidity to help your roof to withstand extreme wind and snow loads



Aluminium cap

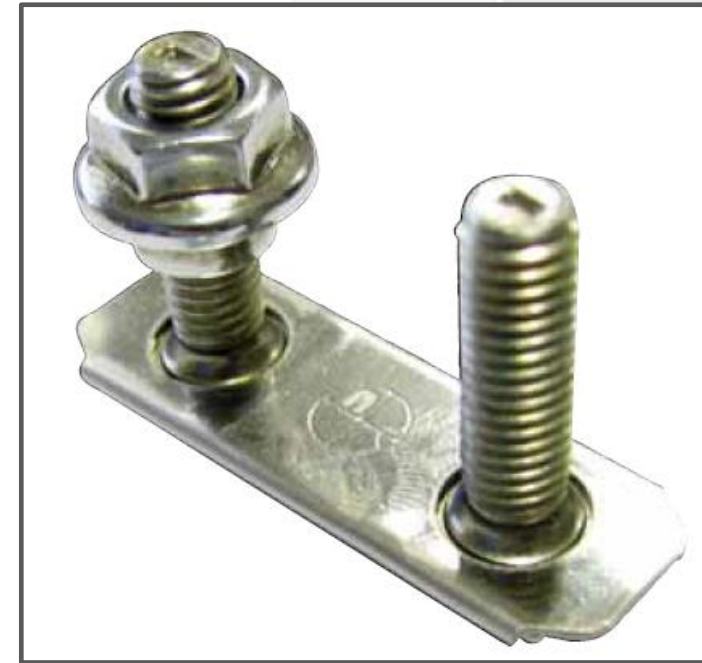


Chambered uPVC cap

Packed with Quality Components

Why settle for single bolt when you can have a twin bolt?

- Stainless steel twin-bolt anchors the transom bars onto the ridge and eaves at
- Four fixing points on every bar onto the ridge, wall plate and eaves beam - two positive fixings at the top and two at the bottom
- Ultrasky has twice as many fixings as alternative systems
- Twin bolt slot within the eaves beam runs in the opposite direction to roof load to eliminate any risk of glazing bar slippage
- Spigot nut centres the bolts to ensure an effective structural joint is formed
- No risk of glazing slippage for maximum security and peace of mind



Packed with Quality Components

Robust, adjustable, glazing security clips

Glass is heavy and panels can be large and should be held securely in place to prevent slippage and leaks. Ultraframe's unique glazing security clips are automatically specified with every Ultrasky roof to eliminate any chance of the glass slipping

- Much stronger, larger and robust vs competitor clips
- Lock glass into position
- Maintains water tight seals
- Locks end caps into position to prevent them falling into the gutter
- Adjustable for a snug fit every time



Storm Shield Protection System

Triple layer protection against the elements

The storm shield at the ridge end has three layers of protection to prevent any water ingress in high winds and heavy rain

1. Waterproof glazing compression trims
2. Ridge end weathering shields
3. Secure fit ridge end covers



Structurally Sound - Always

Peace of mind whatever the weather

Structurally engineered with specialist software to withstand the worst potential wind and snow loads for your postcode

- Roof structure is engineered to your long postcode to account for variations in wind load
- The defined load requirement is for extreme (not standard) wind and snow loads – to accommodate increasingly extreme weather
- Every critical joint on the roof is assessed - ridge, wall joint, hips, bars, jack rafters



What makes Ultrasky Roof unique?

WEATHER TESTED

Watertight in winds up to 130mph

- **Triple layer storm shield** at radius end.
- **Less bars**, less potential points of failure.
- Sturdiest, most **durable** gaskets and glazing stops.

FASTEST

Fitted twice as fast as a traditional Orangery roof

- No need for a flat roof
- Save 1 to 2 days versus traditional build.
- Eliminate brickwork required by integrating super insulated columns.
- No structural support required.

STRONGEST

Strongest glazed roof on the market

- NASA satellite data used to **precision engineer every roof** for Wind AND snow loads.
- Can be used for builds up to 8x5.
- UK's strongest ridge with an IXX value of 2,226k for fewer bars and integrated structural goalpost to support spans up to 6.5m.
- **Super strong eaves beam**, ridge, and jack rafter.

WARMEST

Unrivalled thermal performance

- Thermally broken inside and out.
- Thermally insulated internal pelmet as standard.
- Designed to work with super-insulated columns.
- Fully insulated aluminium undercladding.

MINIMALIST

Fewer bars for better views

- **Integrated structural goalpost** for large spans of bi-fold or sliding doors.
- **No bulky radius ends.**
- **25% fewer bars** than conventional glazed roofs.
- Superior bar and ridge strength for larger panes of glass.

CUSTOMISABLE

Unbeatable range of design options

- Add shape and elegance externally with a choice of 4 unique Cornices.
- Create **thermally efficient**, cosy and stylish rooms with super-insulated columns.
- Insulated internal pelmet available in any size up to 1200mm wide.
- Available in **PVCu and aluminium** to suit any budget and **bespoke colours** to complement doors, windows and decor.

