



Aluminium By Design

SPECIALIST ALUMINIUM CONSERVATORY ROOF MANUFACTURERS

We have been designing and manufacturing aluminium roof kits since 1995. We are the manufacturers - there are no middle-men, thus providing a superb quality roof at an affordable price combined with great service.

Our aluminium roof kits are truly bespoke - made to your specifications.

Our kits are made to meet and surpass the building regulations of Scotland and will withstand wind speeds of 100mph plus. The roofs are also immensely strong, easily handling the loads of glass panels plus several inches of snow, or can take the load of maintenance boards if carrying out work above the conservatory.



Nationwide Suppliers
Commercial & Domestic Properties



Extruded Aluminium profile, polyester coated, with our thermally broken design gives maximum strength with minimum heat transmission.

Weathering

The Critical part of any conservatory is the roof. Make sure that you insist on a ABD design tested to Cp3 Chapter V Part 2 for wind loadings (able to resist wind speeds of 100mph).

Roof Strength

A conservatory roof may have to withstand the dead load of several inches of snow or be required to take the load of maintenance boards to carry out works above the conservatory. The ABD system has been tested to BS6399 standards by independent structural engineers. Our unique ring beam design which is mechanically jointed at the corners has structural adjusters which increase the strength of the walls as well as the roof.

Glazing

The ABD roofing system can be glazed with 16mm or a full 25mm polycarbonate sheeting. The latter giving a u value of 1.5. The roof can also be glazed with 28mm glass sealed units.

Maintenance

Whether you decide to have a timber, PVCu or aluminium sided conservatory you should insist on a ABD Aluminium Roof, the polyester powder coating remains in pristine condition, with simple soap and water cleaning.

Style

From the Mediterranean lean to style to Victorian with three or five end fascets, or Edwardian style all the styles have the Victorian styled glazing bars, crest, tie bars and end caps in cast aluminium.

Colour

Polyester powder aluminium to BS6496 if you require Light Green, Dark Green, White, Brown, Black or any RAL Colour, then the ABD roofing system is for you.

A conservatory integrates your home and garden no matter what the weather, a conservatory becomes part of your lifestyle and adds value to your property.



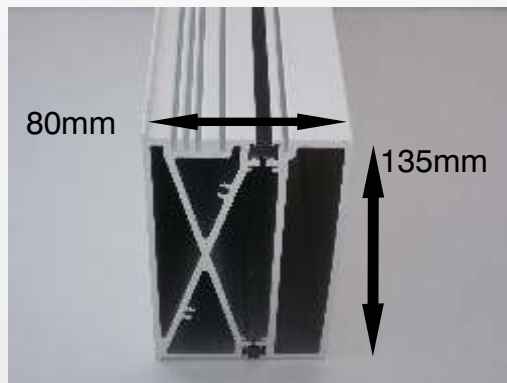
- Weather tested to CP3 chapter V part 2.
- Structurally tested to BS6399.
- Roof strength based on our unique ring beam system.
- Glazing options 16mm to 28mm, polycarbonate or double glazed units.
- Styles available: Mediterranean, Victorian & Edwardian.
- Colours available: Polyester powder coating to BS6496. All Ral colours available.
- Low maintenance.
- On site instructions supplied with first order.
- Technical support available
- Roof pitch can be from 5 - 45 degrees



Your roof may be coloured in any 1 (or 2) colours from a range of around 200. We say 1 OR 2 as you can have different colours for the inside and outside of your roof. For example, you may want a black roof outside to match the existing house, then have a white inside, giving a neutral, lighter colour internally.



A marine paint finish is available on all our roofs. Our standard powder coat is between 60 and 90 microns but our marine powder finish is between 90 and 110 microns. Please contact us for further details.



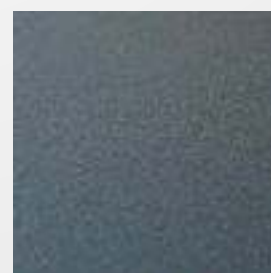
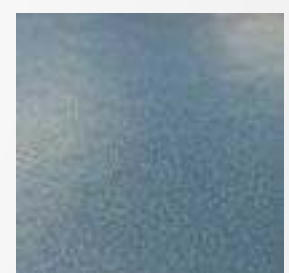
Our unique ABD Ring Beam gives more strength and rigidity to our structures making it able to take more weight than a normal conservatory.

Available to purchase separately if required



Textures

In addition to the normal "flat" paint finishes, we also offer an exciting range of these "textured" finishes. The images below are just a small selection of the available finishes. These photographs do not do these exciting and varied finishes justice, please contact the office for further information. The finishes range from a completely flat gloss (similar to black granite worktops), to heavy "orange peel", to sandpaper type matt surfaces, plus everything in between. Colours include blacks, greys, blues and greens. Please take a look at "Tantalum" and "Vanadium" below for examples of the different textures.



Please use these colours as a guide only - you must check your chosen colour against a swatch chart.



Glass

Activ Clear

Overview

The unique dual-action of the Activ Clear coating uses the forces of nature to help keep the glass free from organic dirt, giving you not only the practical benefit of less cleaning, but also clearer, better-looking windows.

Benefits

- Saves you time and money and is safer than cleaning your own windows.
- Can be used in almost any external domestic application.
- Unique coating is not worn away or rubbed off - lasts the lifetime of the glazing itself.
- Easily cleaned during dry spells by hosing down or wiping with a soft cloth and warm soapy water.
- Can be used in conjunction with other glass products to provide increased energy efficiency and save on heating bills.

Activ Blue

Overview

This attractive blue glass combines dual-action, self-cleaning properties with solar control performance for a cooler internal environment. Activ Blue is a revolutionary glass that is perfect for use in conservatories. It uses daylight and rainwater to breakdown and wash away organic dirt from exterior surfaces, making it ideal for hard to reach places that are difficult to clean. Its unique blue colour also helps keep internal temperatures cool whilst still maintaining excellent light transmittance.

Benefits

- Attractive blue colour offers excellent aesthetics and optimum performance.
- Excellent solar control performance combined with good light transmission.
- Reduces cleaning and maintenance costs and gives windows a better appearance for longer.
- Works even on cloudy days and during the night.
- Activ Blue coating lasts the lifetime of the glass.
- Easily cleaned during dry spells by hosing down.
- Low exterior reflection improves aesthetics of the conservatory.
- Easily stocked and fabricated into Insulating Glass Units in annealed and toughened forms, ensuring speedy delivery.
- Available in 16mm thickness



Roof Section Samples

			
Ridge	Light Rafter	Heavy Duty Rafter	Reinforced Rafter
			
Hip	Wall Plate & Adjuster	Ringbeam	Structural Ringbeam

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