

Section 1.....Specifications..



Aluminium thermally broken Roof Glazing

Information sheet product

- **GENERAL.**

Simplex glazing was firstly designed as *a vertical and sloping patent glazing system* with excellent thermal performance, adequate strength and easy installation requiring the bare minimum of tools. When used within the manufacturers recommendations they will conform to:-

*BS 5516 - 1991 Overhead Glazing –
CP118: BS8118 Structural use of aluminium –
BS6399 Snow loading for buildings---
CP3 Chapter 5 Part 2 Wind Loading
Glazing material when supplied conforms to BS6206*

- **BARS.**

The rafter bar is extruded aluminum which can be thermally broken to drastically reduce the possibility of condensation. The method of glazing retention is by tap on caps using Davandian Clip Technology (two alternative caps allow glazing thicknesses from 6mm thro to 35mm. All bars and glazing caps are powder coated a process that gives a first class and lasting finish.

- **COMPONENTS.**

The design ensures simplicity of assembly in that all joints are made by the use of aluminum cast or fabricated components. The components are finished using a powder coated paint process.

- **RING BEAM.**

Every roofing system needs a structural support between the top of the windows and the roof. This is known as a ring beam and its purpose is to provide strength and rigidity, to distribute the weight of the roof and provide the necessary height above the windows for fitting the gutter. Our ring beam is made of extruded aluminum and is thermally broken. It will fit all sections up to 75mm in width and has powder coat finish. It also provides a gasket seal to the underside of the glazing.

- **FIXINGS.**

A selection of gaskets, screws required for the roof assembly are supplied. These cover the various requirements to cater for most standard and some special applications of the product. All are appropriately coated to offer protection against the elements.

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- **MATERIALS**

Extrusions: - all are to our own individual design incorporating decorative moldings wherever possible. Extruded from 6063 T6 Alloy and are powder coated using high quality powder coating finish (Ral 9910 Hipca White or Ral 8912 Havanna Brown) as standard. (Special colours are available)

PVC Extrusions :- are U.V. stabilized where exposed. The Davandian clip is not intended for any other use or in exposed situations.

Castings :- are manufactured by gravity die castings or sand patterns using LH27 metal. They are powder coated with a proprietary industrial powder applied to the manufacturer's recommendations.

Fastenings :- are of normal steel all are standard nuts, bolts or screws and are zinc plated to appropriate British Standards.

Gaskets :- are of E.P.D.M. to ensure performance and compatibility when using polycarbonate sheets for glazing.

- **COMPONENTS**

Comply with the material specifications as indicated. Castings are supplied in box quantities all wrapped in polythene within the carton. Extrusions are supplied in complete lengths as indicated we will not cut or supply part lengths. Prices quoted are per item or per metre

- **SUNDRY ITEMS.**

We fabricate all sundry items such as box gutters, portal frames vents etc. to individual specifications. The above and other such sundries are priced on an individual basis P.O.A. Please note box gutters need cladding internally with Celuka which is not included in our price. Portal frames are powder coated where time and size allow otherwise they also need cladding with celuka which again is not included in our price. Other smaller items will be powder coated.

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- **DELIVERY.**

All mainland deliveries over £6000 net will be free of charge, under £6000 a charge will be made as will any deliveries made by carrier. Our standard delivery times are as follows :-

Components :- 5 - 10 working days (small quantities only can be despatched quicker by carrier if required).

Collections :- must be pre arranged between the hours of 10.00am and 1.00pm. We do not advise collections as we cannot guarantee time of completion of work on any specific day

These times are indicative and do not form part of our contract/conditions of Sale.

- **PRICES.**

As list but subject to agreed discount which is specified in our letter of offer.

- **TERMS**

See our terms and conditions of sale which apply to goods supplied. Please note COD customers must have their cheque at our offices by the Monday of the week of delivery the order cannot be despatched until it is received

(As we use carriers we cannot collect the cheque when delivering.)

- **ORDERING**

All orders must be received in writing prior to despatch of components Manufactured Products must be confirmed on our own order form which must be signed and returned to us prior to any manufacture commencing.