

Section 1... Specifications.

SKYTRUSS

Structural support systems for glazed roofing

Conservatory Roofs, Atrium glazing, Rooflights,

Entrance Canopies, Pool Enclosures, etc.

Telephone: 0044 (0)871 250 4711
Fax: 0044 (0)121 210 7538
E-mail: sales@amartsystems.com



- **GENERAL**

The **SKYTRUSS** system is unique to the Skycrest roof and Simplex-glazing in that it is an integral part of the glazing bars rather than a support framework fitted below the roof and supporting it. Whilst it has a number special jointing components it is largely manufactured utilising standard aluminium extrusions or drawn steel tube, thus offering greater flexibility in overcoming the structural requirements of the current larger sized generation of conservatories etc. This also makes it extremely successful for use on architectural works such as **pool covers, atriums, rooflights, entrances, etc.**

Each individual job is specifically designed to comply with any relevant codes of practice the main list as below:-

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

Whilst we work out the structural calculations of your requirements, for any submissions for planning etc. you must either use your own structural engineers or we can recommend our own for you to go to direct.

- **COMPONENTS.**

The simplicity of assembly is due to the majority of joints being made by the use of aluminum castings or steel fabricated components. The components are finished using a powder coated paint process to provide a surface colour to suit the contract specification. By not making connections in a factory using methods such as welding it makes transport easier and site assembly considerably more user friendly. Some applications however may have to be welded to overcome any statutory considerations.

- **FIXINGS.**

A selection of gasket seals, screws, nuts and bolts and covers required to assemble the structure will be supplied. These cover the various requirements to cater for all standard and some special applications, though no fixings for bolting the framework to the structure are provided. All parts are appropriately coated to offer protection against the elements.

- **MATERIALS**

Extrusions: - wherever possible all are from standard extruders lists. Extruded from 6063 T6 Alloy or drawn steel tube they are powder coated using high quality finish (Ral 9910 Hipca White or Ral 8912 Havana Brown) as standard. (Special colours are available)

PVC Extrusions :- are U.V. stabilized where exposed. The Davandian clip and our normal thermal barrier are not intended for any other use. They are not suitable for 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.

- **DELIVERY.**

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

Simple Roof Components made to size :- 15 working days approx.

Special Roof Structures made to size :- 30 working days approx

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.**

Components as list but subject to agreed discount which is specified in our letter of offer. Complete structures will be quoted individually based on information given regarding overall size and specific requirements. We will determine the sizes of individual bars and components to meet the structural Stability and statutory requirements and quote accordingly.

- **TERMS**

See our terms and conditions of sale which apply to goods supplied against all prices given. 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 cleared (As we sometimes use carriers we cannot collect the cheque when delivering.)

- **ORDERING**

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