

Material specification

AMDEGA CONSERVATORY AND ORANGERY MATERIALS SPECIFICATIONS TIMBER

Primarily Hardwood roof & engineered side frames. All timbers are specially selected for stability, structural integrity, durability, resistance to warping and ability to take paint well to an exceptional finish.

AMDEGA only uses timber from managed sources to ensure that both the environment and indigenous species are protected.

The timber framing carries a ten year guarantee.

GLASS

All glass and glazing materials are supplied. Amdega double glazed conservatories offer sealed low emissivity coated toughened units throughout as standard, consisting of two glass sheets toughened to BS6206 Class A and separated by 16 mm airspace. This ensures improved functional performance, whilst retaining the traditional slim line appearance.

All units carry a ten year warranty against dust or condensation entering between the sheets in an unbroken unit. Other glazing specifications are available as an optional extra on request.

CONSTRUCTION

The conservatory vertical sides below the eaves line consist of a series of bespoke factory assembled frames, incorporating a drip sill. These frames are available with fixed or top hung opening sashes (configurations to suit design requirements). The joint between two abutting sides can be reinforced internally with a fluted support post to give a classical look when required. This achieves a substantial, but airy appearance.

Roof construction can either consist of rafters, half rafters, glazing bars or all rafter construction that are 'birdsmouthed' onto an eaves beam & housed into the ridge. A structural tie rod system is included where necessary, with a choice of rafter straps, plain brackets or ornate brackets available that are supplied in a milled state ready for painting by others.

DOORS

Conservatory doors can be supplied as either an inward or outward opening door set. The doors incorporate as standard a full weather sealing system, two flush bolts to the slave door leaf, one pair of handles to suit the right hand door leaf (viewed externally) and multi-point lock. All doors are hung with a minimum of three projection hinges as standard. Various door hardware finishes are available as options.

OPENING SIDE FRAMES

A sufficient amount of top or side hung operable sash side frames are incorporated within the design for ventilation purposes. These have as standard friction hinges, storm-proof weather sealing design frames and multi-point locks. Various window hardware finishes are available as optional extras.

GLAZING

All vertical units are glazed internally and externally with "Foam Sekure" security dry glazing tape. The unit is then held in position externally with glazing beads and secured in position with stainless steel fixings.

Roof glass is seated on a self draining rafter gasket & secured in place with extruded aluminium structural outer caps that are powdercoated & colour matched to the conservatory frames.

ROOF VENTILATION

Roof ventilation is an essential part of any conservatory, therefore Amdega offers a sufficient quantity of roof units, designed with an integral aluminium ventilator to suit the overall conservatory design. These come complete with a solid brass manual winding mechanism as standard, operated by a solid brass rod opener. Temperature sensitive and electrical ventilators are available as an optional extra upon request.

RAINWATER GOODS

Amdega offer powder coated colour coded ogee aluminium guttering, with square section down pipes, complete with fittings and decorative rosettes as standard.

RIDGE CRESTING

Powder coated cast aluminium colour coded cresting is available as an optional extra for the majority of Amdega conservatory designs.

DECORATIVE FEATURES

Classical appearance - in keeping with Amdega's Victorian heritage, conservatories are supplied, as standard, with cast aluminium spandrel brackets to the eaves and ridges if necessary; fluted support posts internally to side frame junctions; ovolo mouldings to doors, side frame sashes and glazing bars (not available on solid gothic or semi gothic sash designs); moulded door panels; and solid brass window, door and roof ventilator furniture. Dentil moulding and small/ large cornice is available as an optional extra upon request.

Contemporary appearance - conservatories are supplied with the option of either rafter straps or plain cast aluminium brackets. Doors, sashes and all timbers are plain and simple with square line shoulders replacing the decorative moulded features.

FINISH

As standard, the conservatory is 'part factory painted' by Amdega. This involves priming under factory conditions. It then receives one factory coat of satin paint throughout. A quantity of loose satin paint is supplied with the conservatory to achieve one coat to the internal and external faces of the side frames and the internal face of the roof frames on site. For full build contracts Amdega arrange for the final coat to be applied on site.