

DETAILS OF EXTERNAL MATERIALS

ROOF STRUCTURE

Our roof system incorporates a high performance, double glazed system supported by very fine glazing rafters. The glass rests on structural aluminium glazing rafters and immensely strong integral frame produced in our welding department.

Externally an aluminium glaze bar cap with attractive mouldings, secures the glass in position. This cap is powdercoated ensuring the longevity and low maintenance of the roof.

The roof glass is 6mm float, 16mm Argon filled cavity and a 6.4mm laminate, with a soft coat Low E glass internal coating. It offers superb thermal efficiency and will remain intact in the unlikely event of damage from falling tiles etc. The laminate layer also provides a high UV protection.

We have created our own range of aluminium gutters, hoppers, rainwater goods and brackets to a traditional ogee profile. Our gutter system is designed as an integral part of the garden room eaves and sits with no visible support brackets, screws or clips, maintaining the clean lines of the design. Rainwater will dispense directly into aluminium downpipes.

SIDE STRUCTURE

To the north elevation the structure will sit within masonry walls which will be constructed from stone to match the existing building.

Main frames, doors and windows are manufactured in a combination of painted Grade 1 Douglas Fir, Sapele and other timbers where appropriate all on hardwood cills. Side frames, doors and panels receive Protim pressure treatment, where appropriate, for long life and protection against rot and fungal attack. All timberwork is traditional mortice and tenon jointed and enhanced with decorative moulded edges and profiles.

The garden room incorporates one set of folding doors, one set of double doors and one single door. The folding doors run on tracks within the head and the sill for rigidity and stability. All other door thresholds are fitted with a unique Architectural Bronze water-bar sitting on a large hardwood sill, stained in Walnut. Doors and windows are fitted with storm proof seals.

Side units are double glazed with an inner leaf of 4mm soft coat Low E glass, with an Argon filled cavity of 12mm, and an outer leaf of 4mm. All side glazing is a combination of standard float, with toughened units where required by Building Regulations. Glazing spacer bars will be finished in black.