SHA2842

DETAILS OF EXTERNAL MATERIALS

LEAD ROOF STRUCTURE

Our lead roofs are manufactured using a cold roof construction. Treated softwood timber rafters with insulation cut between, allow a 50mm ventilated air space above the insulation and 18mm plywood decking. Externally, the roof is dressed in a traditional 'mop & roll' code 5 lead finish.

All the weatherproofing and lead flashings that are applied at the house wall abutment.

The garden room is designed to incorporate a traditional ogee aluminium gutter, hoppers, rainwater goods and pipe brackets. 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 into an aluminium ogee gutter then decorative cast aluminium hoppers, which allows water to expel into aluminium downpipes.

CUPOLA LANTERN

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 powder-coated 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.

The cupola incorporates a traditional ogee aluminium gutter above glazed upstand panels. Side units are double glazed with an inner leaf of 4mm soft coat Low E glass, with an Argon filled cavity of 14mm, and an outer leaf of 4mm. All side glazing is a combination of standard float, with toughened units where required by Building Regulations.

SIDE STRUCTURE

The garden room is to sit on the existing low walls that serve the existing conservatory.

Main frames, doors and windows are manufactured in a combination of painted Grade 1 Douglas Fir and Sapele Mahogany, 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.

DETAILS OF EXTERNAL MATERIALS

All timberwork is traditional mortice and tenon jointed and enhanced with decorative moulded edges and profiles.

The garden room incorporates a set of outward opening double doors. All door thresholds are fitted with a unique Architectural Bronze water-bar sitting on a large hardwood sill, stained in Walnut.

Top hung opening windows have also been incorporated within the garden room design.

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 14mm, 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.