

CS-Garden Offices

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General Specifications

Insulation:

All panels are manufactured using CFC free rigid polyurethane insulation foam injected between tow facing sheets in pre set jigs. The foaming process is undertaken in large hydraulic presses to ensure dimensional stability and insulation density requirements.

Overall average panel foam density of 40kg/m³ gives the following "U" values:

75mm panel 0.13watts/m² Kelvin / 100mm panel 0.10watts/m² Kelvin

Wall Panels are constructed using 75mm panels

Ceiling Panels are constructed using 75mm panels

Floor panels are constructed using 100mm panels.

The polyurethane foam contains a fire retardant to BS3837 to restrict extent of burning when tested to BS 4735:1974.

All coated surfaces comply with BS476 Part 7 class 1 Surface spread of flame.

The long panel edges are molded to produce an interlocking profile. These edges contain cam operated locks at 800mm centres.

75mm and 100mm panels have an integrally formed compressible closed cell sealing gasket sealing system.

Surface Finishes:

Wall and ceiling panels:

Internal

White F200 plastisol coated galvanised steel with a base material thickness of 0.5mm.

External

F200 Plastisol coated galvanised steel with a base material thickness of .7mm is available in standard colours. (F200 data sheet attached)

All panel joints to be sealed with anti fungicidal silicone sealant.

Ceilings

Ceiling to wall joints to be rebated and sealed

Panel Locks and Receivers

Receiver For foamed in panels

Material polystyrol

With zinc plate rivet

Locks For foamed panels

Material Polystyrol

Hole for hex key

Interior parts rust protected

Hooks stopps in each postion

DESIGN AND SPECIFICATION ARE SUBJECT TO CHANGE WITHOUT NOTICE

