



Modular Garden Rooms

Captrad now have a variety of garden office designs that can create the perfect solution for any living space. We produce the bodies from Structural Insulated Panels that are then externally clad with WPC panels that are maintenance free. The combination of our panels and frame system provide a very warm environmental space ready for the increasingly more popular professional, working from home.

BENEFITS OF OUR GARDEN ROOMS

PANEL CONSTRUCTION

The standard SBS Structural Insulated Panel consists of two facings of 12mm OSB 3 (oriented strand board) bonded by pressure injection to CFC free/OPD zero polyurethane closed cell foam. The facings and core act as a composite structure, the option of various facing thicknesses are available upon request.

THERMAL


We are able to produce various thicknesses of panel this allowing us to achieve very low u-values, our u-values can range from $0.35W/m^2.K$ down to $0.10W/m^2.K$, please download our u-value table for different performances.

FIRE PERFORMANCE

The SIP panel will meet all the requirements in the Building Regulations with regard to fire resistance when lined with plasterboard. These requirements are similar to those for traditional and timber frame construction. A single layer of plasterboard will provide 30 minutes rating and a double layer 60 minutes rating. SIP Building Systems Ltd can provide standard construction details and results from independent fire tests.

DURABILITY

A building constructed with SIP panels will have durability comparable to other forms of construction. If the design of the structure follows best practice and the building is maintained and weather tight, a life of at least 25 years may be expected.



Tel: 01695 280510
sales@captrad.com
www.captrad.com