Typical Swimming Pool Specification

Foundations & Floor Covering

The system is designed so that it will evenly distribute the loadings around the perimeter. Any internal walls do take some of the roof loadings. Taking account of B.S., Building regulations and ground conditions, these loads are transferred to the substrate on a Concrete Strip Foundation complete with 150mm solid blockwork up to dpc level. A site visit is always required before a firm quotation can be provided.

Unless otherwise specified our price only includes for excavation up to a maximum of 1000mm. The perimeter slab consists of hardcore fill, a sand blinding, dpm (1200 gauge) topped with a reinforced concrete slab.

After installation of the pool we lay a cement screed floor.

With the exception of the plant room our standard specification provides for a waterproof carpet to all walking areas.

Excavated soil is placed in a heap and becomes the responsibility of the customer unless a separate quotation for removal is agreed by the customer.

Exterior Walls

Walls are made from composite 230mm northern European softwood Panel-wall utilising a tongue and groove interlocking joint along the full length of each log externally applied to support and restraint posts at approximately 600mm centres, with a breather membrane applied to 8mm OSB. Walls are insulated with wool and foil then match-boarding or insulated plaster boarding finish the interior. At each corner the wood is finished with vertical board on each edge butted together.

The external walls are coated with a combination of Sikkens Cetol Novotech which comes in a large selection of standard colours, it provides additional fungicide, insecticide & UV protection. A further coat of Novotop then applied which gives a UV & weather shield. Every 3-6 years (dependant on exposure to UV degradation) a further application of Sikkens will be required to maintain the external finish (see manufacturer's details).

Roof

Support comprises one full-length ridge purlin and intermediate (mid-span) purlins, which are in turn supported by internal walls, trusses and or beams. Above the purlin`s 18mm thick tongue & grooved roofboards are fitted. These attractively finished boards are visible from the inside of the cabin and provide a finish contemporary to the rest of the cabin.

Above the internal roofboards rigid wool insulation and two skins of reflective foil or equivalent is inserted between stud work and 18mm plywood is fixed on top. U- Value 0.22 W/m2 K. Higher levels of insulation are available at extra cost.

Above the decking a single skin breather membrane is fitted. This is a waterproof barrier and provides a second line of defence to the final roof covering.

The perimeter is completed with decorative fascia and barge boards and black Squareline guttering and down pipes are fitted and connected to the customers adjacent gulleys, placed in agreed positions. Alternatively we can provide a quotation for this work.

The final coat is a double layer of glass fibre reinforced bituminous felt rectangular shingles which have a 15 year warranty and achieve a fire rating of: Ext. S.A.A. Colour choice: Slate grey, Two tone red, Brown and Green are readily available, other colours can be ordered as specials and may involve additional cost.

Large roof overhangs of 500mm or more at the eaves protect the upper wall logs and wall/roof junction from adverse weather.

Windows & glazed areas

High performance Low E coated double-glazed units to BS 6206 and 6262, conforming to the requirements of current building regulations.

All glass units offer a 10 year warranty and are fitted into reduced joinery. Casements are usually outward opening tilt and turn opening in fixed light combinations. Other styles are available on request.

Casements are fitted with a single compressible high performance weatherseal.

Shutters are fitted as an optional extra (see price list).

External doors

High performance toughened glass double glazed safety units (nominal 20mm) with a 10-year warranty fitted into reduced joinery frames and leaves.

Door leaves are fitted with external grade heavy butt hinges, five lever door lock, handle and Euro-cylinder.

Swimming Pool

We use 6mm stone to create a level base and a reinforced concrete surround finished with mosaic, a concrete edge beam is cast to create a level for the white bull nose coping stone and waterline facing.

Pool equipment

We include for the following:

Circulation pump.
Sand filter including sight-glass, multi-port valve and pressure gauge.
Upper level water skimmer with lower level suction areas.
Associated pipe work and fittings.
Pool water vacuum head hose and handle.
Chemical starter kit i.e. bromine tablets, acid and alkali manual, testing kit and thermometer.
Bromine chemical feeder (a saline system can fitted if required and would be quoted separately dependant on exact requirements).
Floating thermal cover and roll off storage mechanism.
Ladders with ABS treads.

Plumbing & Heating

An oil fired (or Gas if required) system is fitted serving the air pool and water heating, additionally it serves the domestic hot water requirements of the pool via an appropriately sized pressurized water tank. Normally the requirements are for hot water to wash hands and a shower.

Sanitary fittings including shower, hand basin & WC are fitted.

Surface water drainage channels are incorporated in the self draining floor. These are then connected to the existing adjacent foul sewer service.

2no Water taps, one internal and one external are fitted for filling, flushing and cleaning.

Environmental control system

An energy saving fresh air ventilation dehumidification and humidistat system is installed.

Electrical & Heating

We include for the following:

Distribution board.
Splash proof spot lights.
Plant room light.
External light.
Pool pump and heater with thermostat.

Time clock
All associated switches, spurs and wiring to IEE Regulations
Waterproof external socket.

We can quote separately for the connection of the Pool Chalet to an electrical supply from an adjacent service. It is normal to connect to an off peak supply.

Smoke detection and Fire Protection

It is not usually a requirement to fit smoke detection and/or fire protection to a single-storey structure. Unless requested and stated above, this is not included within our prices and would therefore be the responsibility of the customer or be at an additional cost.

Emergency lighting

It may be a requirement to fit emergency lighting; this is not included and would be the responsibility of the customer or would be at an additional cost.

Site visits

Visits to site are chargeable on a ½ day or full day basis, dependant on the time away from the office at the rate £50/hour. Mileage is chargeable at £0.55/mile. One site visit will be included in a cabin quotation and as such this cost will be deductible from any order received, subsequent to receipt of an order, our own site progress and supervision visits are included in the cabin price.

Building Control approved inspector service

For structures which require compliance with the Building regulations, we offer an integrated building control approved inspector service using an independent national inspector carrying professional indemnity insurance of £10 million. They approve drawings/specifications and carry out the site inspections and provide a final certificate, the cost of this will be shown separately within our quotation. As part of the requirements of the building regulations it will be necessary to provide a SAP calculation by an independent consultant, the cost of this will be shown separately within our quotation. If you wish to deal with the approvals yourself and need an information package from us, then this package would initially cost £640 plus further work on an hourly basis @ £50/hour.

Structural or other calculations

Typical structural calculations exist for cabins of a similar nature to the ranges offered within the standard ranges. However should job specific calculations of any nature be required, then these would be at an additional cost and the customer should request a calculation prior to instructing Rural Log Cabins Limited proceed, or accept our reasonable charges.