



Effebi-Scale Timber Spiral Stairs

CAUTION

Spiral stairs are considered to be space saving, however, if replacing a straight stair structural work will be necessary to change the shape of the opening.

CONSTRUCTION

Support is by means of a steel column around which the components are positioned. The stair is stabilised by bolting down the column base and by fixing the landing to the upper floor.

TREADS

The finished thickness for small diameters is 42mm and for larger 52mm.

OPENING

Openings are determined by the stair diameter, usually 50 - 100mm larger for clearance. In square/rectangular situations, lower treads can sometimes under hang the ceiling.

TREAD LAYOUT

The standard angle for diameters up to 1.6m is 30° (12 treads per 360° revolution) from 1.7m the angle is 22.5° (16 treads per 360° revolution). Alternatives are available for a 5% surcharge.

ROTATION

The start and finish point is determined by the number of risers calculated from the floor height. A clockwise or anti clockwise ascent depends on the position of walls and doors etc. Straight treads can be incorporated at the bottom or top of the stair, for example to achieve headroom under a roof slope.

BALUSTRADES

A guard rail to the stair and landing tread is included; choices are available on some models. Loose components can be ordered to match.

LANDINGS

This is an integral part of the stair. A 60° quadrant landing is included in the basic cost, a surcharge applies for all other types. Note a quarter landing is not compatible with a 30° tread due to lack of headroom beneath.

WEIGHT

A sheet giving approximate dead weight is available on request.

FINISHES

The prices include for a polyurethane lacquer in a choice of stains on beech. For clear finish on beech add 5% for selection. For sanded finish only deduct 10%.

TIMBER

Solid, finger jointed timber is used. Stained beech is standard, for iroko add 10% and oak 25 to 40%. White maple is an option on model Portofino for a surcharge of 40%.

PACKAGING

Stairs are factory assembled, dismantled and delivered in kit form. Notification should be given of access restrictions as timber handrails and circular baserails are dispatched in one piece.

DELIVERY

All stairs are made to order. For single units manufacturing time is three to six weeks for models with PVC handrail and five to eight weeks for those with timber handrail.

INSTALLATION

Assembly instructions are provided with a working drawing as appropriate. The stairs are a finished product and should be installed as late as possible in the works taking care to protect from damage.

BUILDING REGULATIONS

We can give guidance, but it is the responsibility of the customer or architect to obtain the necessary approvals. Interpretation varies considerably and advice should be sought from the relevant Building Control Office. In accordance with Part K of the regulations (Part S in Scotland) the Alternative Approach, BS5395: Part 2: is applicable. Technical sheets are available on request. It is not possible to attach an inner handrail to the centre column.