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# Technical Datasheet

Spiral Stairs

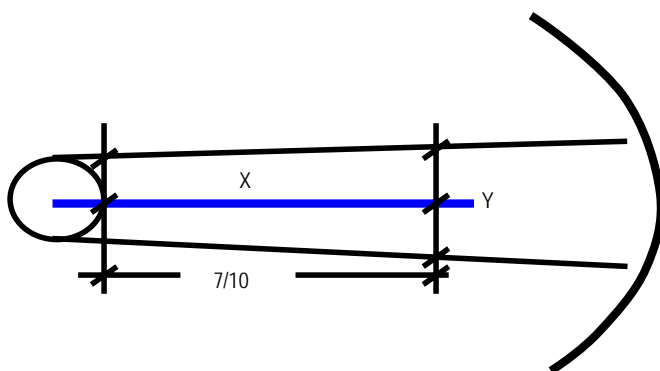
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## Safety

The stairs are built in accordance with current Council Building Requirements and construction and welding of stairs is to Australian Standards and Engineers Specifications. Stairs are custom made for each project so all rises are exactly the same, eliminating a smaller rise on bottom and/or top rises. Bars-in balustrades are at a maximum 125mm centres and custom made balustrades on landing (if required) at 1000mm high. A gate at the top of the stairs can also be supplied and fitted if required.

## Specifications

Formula for certifiers required minimum is as follows;  
 $7/10$  of width between inside of pole and inside of balustrade= $X$ .  $X$  from inside of pole should measure between 194mm and 204mm (shown as  $Y$ ). Rises should be between 160mm - 220mm (190mm preferred maximum).



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## Standard Specifications

### Construction

The stair is spiral with timber (Pine or Kwila) treads on a 50 x 25 x 3 RHS supporting arm, or your choice of 3mm smooth plate or 3mm checker plate treads. The steel plated treads are folded front and back for extra strength and appearance. These folds can be evenly folded or tapered along the treads. The centre pole is 114.3mm x 4.5mm diameter tube. Top rail on balustrading is 33.7mm x 3.2mm tube with 12mm square bars at max 125 centres. The staircase is a one piece construction, fully welded in our workshop and is all custom built to your requirements. The balustrade is site fitted. This makes for a much more sound finish and does not rattle or shake. Landings are an optional extra and are not usually required.

### Surface Treatment

Internal stairs are supplied prime painted and ready for top coat. Timber treads are shaped and sanded ready for painting or staining. External stairs are hot dip galvanised and site welds are touched up with highest quality cold Galvit E90.

### Installation

Installation is included in price and generally takes about 5-6 hours. As there is the need for some site welding, affected areas are covered up and protected from any damage. Site welding eliminates any need for bolts and screws which can work loose with use.