



Extract from BS 5395 Part 2 / Ref. table 2 - Stair Category

B Private Stair

Similar to category A, but also providing the main access to the upper floor of a private dwelling.

Typical outside diameter : 1800mm to 2250mm.

Notes for the designer

A staircase for housing applications, either the main access staircase, or for serving more than one bedroom in conversion applications.

Note : an inner handrail is not called for. The small diameter will assist the house designer.

Available with steel or wooden treads.

Model Reference Number		Tread Geometry (all dimensions are in mm)
Crescent Model 18 B 800 H/S Types		
Tread Rise (mm)		
To BS5395 Part 2 170 - 220	Crescent Standard range 180 - 220	

General Notes	Minimum Stairwell Size (mm)	Standard Stairwell Size (mm)
<p>1) All stairs are available with a wide choice of timber or metal treads - and with a variety of balustrading and finishes.</p> <p>2) BS 5395 stipulates that "in areas frequented by children, the widest gap should not permit a sphere of $\varnothing 100\text{mm}$ to pass through" - components are available for all stairs to achieve this.</p>		

Building Regulations - British Standards

Part K of the Building Regulations deals with all staircases in a general format. For information on the geometry of spiral staircases you should only make reference to BS 5395 Part 2 1984 as directed in paragraph 1.21 of Part K entitled "Spiral & Helical Stairs". If staircases comply with BS 5395, they will automatically comply with Part K of the Building Regulations.

Above we have printed extracts from Table 2 of BS 5395 Part 2 1984. You can select the appropriate category to suit the use required by reference to these extracts.