



Crescent of Cambridge Ltd

Technical information sheet C25/18

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)	
<p>Crescent Model 18 B 800 M/H/S Types</p>		<p>Steel & Timber Steel = 1936 o/dia Timber = 1956 o/dia 16 treads per revolution = 360°</p>	
Tread Rise (mm)			
To BS5395 Part 2	Crescent Standard range		
170 - 220	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 ø100mm 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.