



Crescent of Cambridge Ltd

Technical information sheet C25/30

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

E Public Stair

Used by large numbers of people at one time e.g. stairs in places of public assembly.

Typical outside diameter : 2500mm to 3500mm.

Notes for the designer

A relatively compact and economic staircase to cater for large places of public assembly.

For internal use, decorative hardwood treads and stove enamelled finishes are available.

For external use, steel treads galvanised to BS 729 are standard.

Model Reference Number		Tread Geometry (all dimensions are in mm)	
Crescent Model 30 E 1000 M Type		Steel & Timber 3070 o/dia 20 treads per revolution = 360°	
Tread Rise (mm)			
To BS5395 Part 2	Crescent Standard range		
150 - 190	180 - 190		

General Notes	Standard Stairwell Size (mm)
1) All stairs are available with a wide choice of timber or metal treads - and with a variety of balustrading and finishes. 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.	

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.