

British Standard BS5395 relates to Stairs, Ladders and Walkways.

BS5395 : Part 1 - Code of practice for the design of Straight Flight Stairs and Ladders.

BS5395 : Part 2 - Code of practice for the design of Helical and Spiral stairs.

Table 2 below relates to the sizes of stairs.

Category	Rise, r	Going, g			2r+g		Clear width	Crescent model
		Min. inner going, gi	Min. centre going, gc	Max. outer going, go	Min.	Max.	Min.	
A. Small private stair* intended to be used by a limited number of people who are generally familiar with the stair. Typical outside diameter 1300mm to 1800mm, e.g. internal stair in a dwelling serving one room not being a living room or kitchen, access stair to a small room or plant in an office, shop or factory, not used by the public, or fire escape for small number of people.	170 to 220	120	145	350	480	800	600	14 & 15
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.	170 to 220	120	190	350	480	800	800	18
C. Small semi-public stair‡ intended to be used by a limited number of people, some of whom may be unfamiliar with the stair, e.g. stair in factory, office, shop, or common stair serving more than one dwelling. Typical outside diameter 2000mm to 2250mm.	170 to 220	150	230	350	480	800	800	20
D. Semi-public stair‡ intended to be used by larger numbers of people, some of whom may be unfamiliar with the stair. Typical outside diameter 2150mm to 2550mm, e.g. stair in factory, office, shop, or common stair serving more than one dwelling.	150 to 190	150	250	450	480	800	900	22
E. Public stair intended to be used by large numbers of people at one time, e.g. stair in place of public assembly. Typical outside diameter 2500mm to 3500mm.	150 to 190	150	250	450	480	800	1000	25

\* For private use, single-file stairs are provided because the user is rarely passed on the stairs and is generally able to use the outer going.

‡ For semi-public stairs used for a limited number of persons (up to 50) and serving a limited floor area (up to 100m<sup>2</sup>), single file stairs with a limited passing capacity are provided.