

STAIR SELECTOR CHART

Stair type	Sites with		Public places with		Railway stations	Sports grounds and concerts	Fire escapes	Private dwelling or office	Maximum number of persons per lift (Note 7)
	up to 100 persons	more than 100 persons	occasional use	heavy use					
Compact 4 2 kN/m ²	✓	✗	✗	✗	✗	✗	✗	✗	2
Platform 4 2.5 kN/m ² 640 mm wide	✓	✗	✗	✗	✗	✗	✗	✗	4 (2.57 m long) 5 (3.07 m long)
Platform 4 2.0 kN/m ² 940 mm wide	✓	✗	✗	✗	✗	✗	✗	✗	4 (2.57 m long) 5 (3.07 m long)
Site 10 3.5 kN/m ²	✓	✓	✗	✗	✗	✗	✗	✓	8 (0.95 m wide)
Site 12 2 kN/m ²	✓	✓	✗	✗	✗	✗	✗	✓	7 (1.09 m wide)
Stairway 500 5 kN/m ²	✓	✓	✓ note 3	✗	✗	✗	✓ note 5	✓	16 (1.09 m wide) 16 (1.40 m wide) 18 (1.57 m wide)
Stairway 750 7.5 kN/m ²	✓	✓	✓	✓	✓	✓	✓ note 5	✓	20 (1.09 m wide) 25 (1.40 m wide) 28 (1.57 m wide)
Module 3.5 kN/m ²	✓	✓ note 2	✗	✗	✗	✗	✗	✓	
Module 500 5 kN/m ²	✓	✓	✓ note 3	✗	✗	✗	✓ note 5	✓	

Notes

1. This table is offered for guidance only. For further technical information contact the Layher Ltd Technical Department.
2. Double guardrails are to be provided by customer for all stair heights max height, 1.2 m.
3. Risers exceed maximum dimension stated in BS 5395-1:2000 by 20 mm. Customer to be informed and appropriate Risk Assessment prepared.
4. Only steel treads 0.95 m and steel decks to be used as landings.
5. All steel construction. Only 1.09 m, 1.40 m and 1.57 m widths to be used, for widths above this central guardrail to be provided.
6. Permissible number of persons per stairtower as noted.
7. Based on fully loaded tread units ignoring landings.