















HAKI® STAIR CHART

STAIR TOWER (Load Class)		APPLICATIONS			FIRE ESCAPES & PUBLIC EVENTS	PERMISSIBLE PEOPLE PER LIFT 1kN ~ 100kg ~ 1 person	
		LIGHT DUTY <i>NOTE: G</i>	MEDIUM DUTY	HEAVY DUTY			
	COMPACT STAIR TOWER SWL 1kN/m ²	✓YES	XNO	XNO	XNO	1 Note B	 Note B
	TRADITIONAL STAIR TOWER (MK1) SWL 4kN/m ²	✓YES	✓YES	✓YES	XNO	7 Note C	 Note C & D
	SYMMETRICAL STAIR TOWER (MK2) SWL 4kN/m ²	✓YES	✓YES	✓YES	XNO	7 Note C	 Note C & D
	TWIN STAIR TOWER (MK2) SWL 4kN/m ²	✓YES	✓YES	✓YES	XNO	10 Note C, D & E	 Note C, D & E
	PUBLIC & EVENTS ACCESS STAIR TOWER SWL 5kN/m ²	✓YES	✓YES	✓YES	✓YES	10 (1.0mH x 1.250W) 13 (1.0mH x 1.655W) 16 (1.0mH x 1.964W) 15 (1.5mH x 1.250W) 20 (1.5mH x 1.655W) 24 (1.5mH x 1.964W) Note F	 Note F
	PUBLIC & EVENTS ACCESS STAIR TOWER SWL 7.5kN/m ²	✓YES	✓YES	✓YES	✓YES	20 (1.0mH x 1.655W) 24 (1.0mH x 1.964W) 31 (1.5mH x 1.655W) 36 (1.5mH x 1.964W) Note F	 Note F

NOTES

- A. Use this table as guidance only. Each application needs to be considered on its own merits.
- B. Based on a fully loaded Flight Unit.
- C. 4 people per landing + 3 people per flight.

- (Applies to 1m, 1.5m and 2m flights)
- D. People on landings omitted for clarity. Refer to the red number for permissible people.
- E. Ignoring returning landing bays.
- F. Based on fully loaded tread units ignoring landings. Refer to the red

- number for permissible people.
- For H: 1m height = L: 1.655m length.
- For H: 1.5m height = L: 2.5m length.
- W stands for width.
- G. Occasional use. Inspection. Light maintenance work, etc.