

## Safe movement and access

- (i) adjacent *risers*, or between adjacent *goings*, is not more than 5 mm; and
  - (ii) the largest and smallest *riser* within a *flight*, or the largest and smallest *going* within a *flight*, is not more than 10 mm; and
  - (d) *risers* which do not have any openings that would allow a 125 mm sphere to pass through between the treads; and
  - (e) treads of solid construction (not mesh or other perforated material) if the stairway is more than 10 m high or connects more than 3 storeys.
- (2) In the case of a stairway serving only non-*habitable rooms*, such as attics, storerooms and the like that are not used on a regular or daily basis—
- (a) the *going* (G), *riser* (R) and slope relationship quantity ( $2R + G$ ) in accordance with Table 11.2.2a may be substituted with those in Table 11.2.2b; and
  - (b) need not comply with (1)(d).
- (3) In the case of a stairway with *winders*—
- (a) a maximum of 3 consecutive *winders* in lieu of a quarter *landing* in a *flight* and a maximum of 6 consecutive *winders* in lieu of a half *landing* in a *flight*; and
  - (b) the *going* (G) of all *winders* in lieu of a quarter or half *landing* may vary from the *going* of the straight treads within the same *flight* provided that the *going* (G) of such *winders* is constant.
- (4) The point of measurement of the *going* (G) in the slope relationship quantity ( $2R + G$ ) for *tapered treads* and treads in *spiral stairways* as described in Table 11.2.2a (see Figure 11.2.2a, Figure 11.2.2b and Figure 11.2.2c) must be—
- (a) for *tapered treads*, other than treads in a *spiral stairway*—
    - (i) not more than 1 m in width, the middle of the unobstructed width of the stairway (see Figure 11.2.2b); and
    - (ii) more than 1 m in width, 400 mm from the unobstructed width of each side of the stairway (see Figure 11.2.2c); and
  - (b) for treads in *spiral stairways*, the point seven tenths of the unobstructed width from the face of the centre pole or support towards the handrail side (see Figure 11.2.2d and Figure 11.2.2e).
- (5) *Riser* and *going* dimensions must be measured in accordance with Figure 11.2.2f.

**Table 11.2.2a: Riser and going dimensions (mm)**

Stair type	Riser (R) (see Figure 11.2.2f)		Going (G) (see Figure 11.2.2f)		Slope relationship ( $2R+G$ )	
	Max	Min	Max	Min	Max	Min
Stairs (other than spiral)	190	115	355	240	700	550
Spiral	220	140	370	210	680	590

### Table Notes

*Riser* and *going* dimensions must be measured in accordance with Figure 11.2.2f

**Table 11.2.2b: Riser and going dimensions (mm) — stairways serving non-habitable rooms used infrequently**

Riser (R)		Going (G)		Slope relationship ( $2R+G$ )	
Max	Min	Max	Min	Max	Min
225	130	355	215	700	540

### Table Notes

The *going* (G) must be not more than the tread depth plus a maximum gap of 30 mm between the rear edge of one tread and the nosing of the tread above.