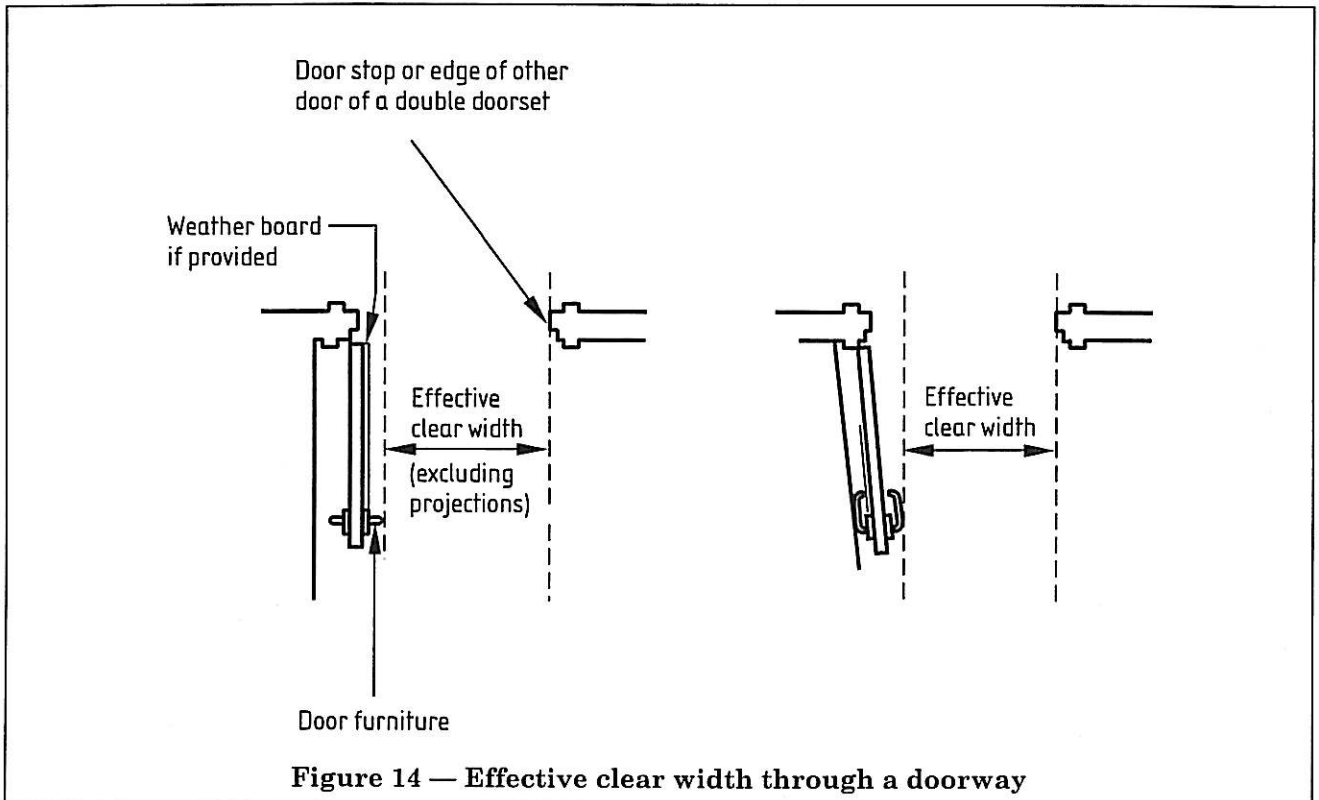


## 6.4 External and internal door leaves (including lobby doors)

### 6.4.1 Effective clear width through a doorway

The effective clear width through a single leaf door, or one leaf of a double leaf door (clear of any projections from the face of the door such as door furniture and weather boards) should be as shown in Figure 14.

NOTE 1 The effective clear width also applies to sliding doors.



The effective clear widths of doors should be as shown in Table 2.

**Table 2 — Effective clear widths of doors**

Direction of approach of wheelchair	Effective clear width mm	
	Preferred	Minimum <sup>a</sup>
Straight-on (without a turn or oblique approach)	800	750
At right angles from an access route at least 1500 mm wide	800	750
At right angles from an access route at least 1200 mm wide	825	775
At right angles from an access route at least 900 mm wide	850	800

<sup>a</sup> The minimum effective clear width should only be used in unavoidable circumstances.

When specifying a door size, designers should take into account the extent to which the door may not be able to open to 90° allowing for the projection of the door furniture or wall configuration.

NOTE 2 Projections are likely to be greater for non-domestic buildings.

NOTE 3 The backcheck feature on door closing devices makes doors harder to open to 90° and beyond. The alternative is to fit a backstop.

COMMENTARY ON 6.4.1. *An effective clear width of less than 800 mm may result in people with poor manoeuvring ability or with large wheelchairs not being able to pass through without damage to themselves or the door. Use of the preferred effective clear width more easily accommodates people with assistance dogs and where there is heavy pedestrian traffic.*