

7.0 ELEMENTS

7.1 DOORS - EXTERNAL AND INTERNAL

THIS SECTION DEALS
WITH THE LOCATION
AND DESIGN OF
EXTERNAL AND
INTERNAL DOORS

7.1.1 MANDATORY PROVISIONS

The location and design of external and internal door, doorsets and doorways will satisfy the performance objectives if:

EXTERNAL DOORS

PERFORMANCE OBJECTIVES

Doors, doorsets and doorways shall be designed to assist all users in identifying the point of entry and to enable all users to enter or leave a building and the rooms therein unaided or without undue difficulties.

1. Where required to be self-closing a power operated door is installed unless a manually operated door can be opened using a force of not more than 30N at the leading edge from 0° (the door in the closed position) to 30° open, and not more than 22.5N at the leading edge from 30° to 60° of the opening cycle.
2. The effective clear width provided through a single leaf door, or one leaf of a double leaf door complies with Table 6 when measured in accordance with Figure 44.
3. Doors are constructed in accordance with all of the following:
 - a) Door leaves and side panels wider than 450mm incorporate vision panels towards the leading edge of the door to provide, as a minimum, the zone or zones of visibility shown in Figure 45.