

## APPENDIX C – ANNUAL INSPECTION OF FIRE-RESISTANT DOORSETS FOR INDEPENDENTLY QUALIFIED PERSON

(Informative)

### C1 GENERAL

#### C1.1

Fire-resistant doorsets require regular inspections to ensure they prohibit the spread of fire and smoke and, where applicable, the occupants are not prevented from leaving the building in the event of an emergency.

#### C1.2

The manufacturer's installation manual and installation details of the fire-resistant doorset should be made available at time of the inspection.

#### C1.3

The fire-resistant doorsets should be checked that they are the same as the tested specimens, except as permitted by 3.2, 3.3, 4.3, and AS 1530.4.

### C2 NORMAL OPERATION REQUIREMENTS

#### C2.1 Fixing of door frames

The door frame should be maintained to be fixed as in the tested specimen (except as permitted in 4.3).

NOTE – This information should be in the suppliers' or manufacturers' instructions and installation manual.

#### C2.2 Clearances

##### C2.2.1 General

The clearance dimensions required for fire-resistant doorsets should be in accordance with this clause unless greater clearance dimensions have been demonstrated on a tested specimen (refer to the installation manual).

There should be a register kept on site which states clearances of the tested specimen (as required by 6.4.3).

NOTE – The clearances in C2.2 are from AS 1905.1 and are for IQP guidance only. Requirements for clearances can be found in 5.3.

##### C2.2.2 Sill and floor finish

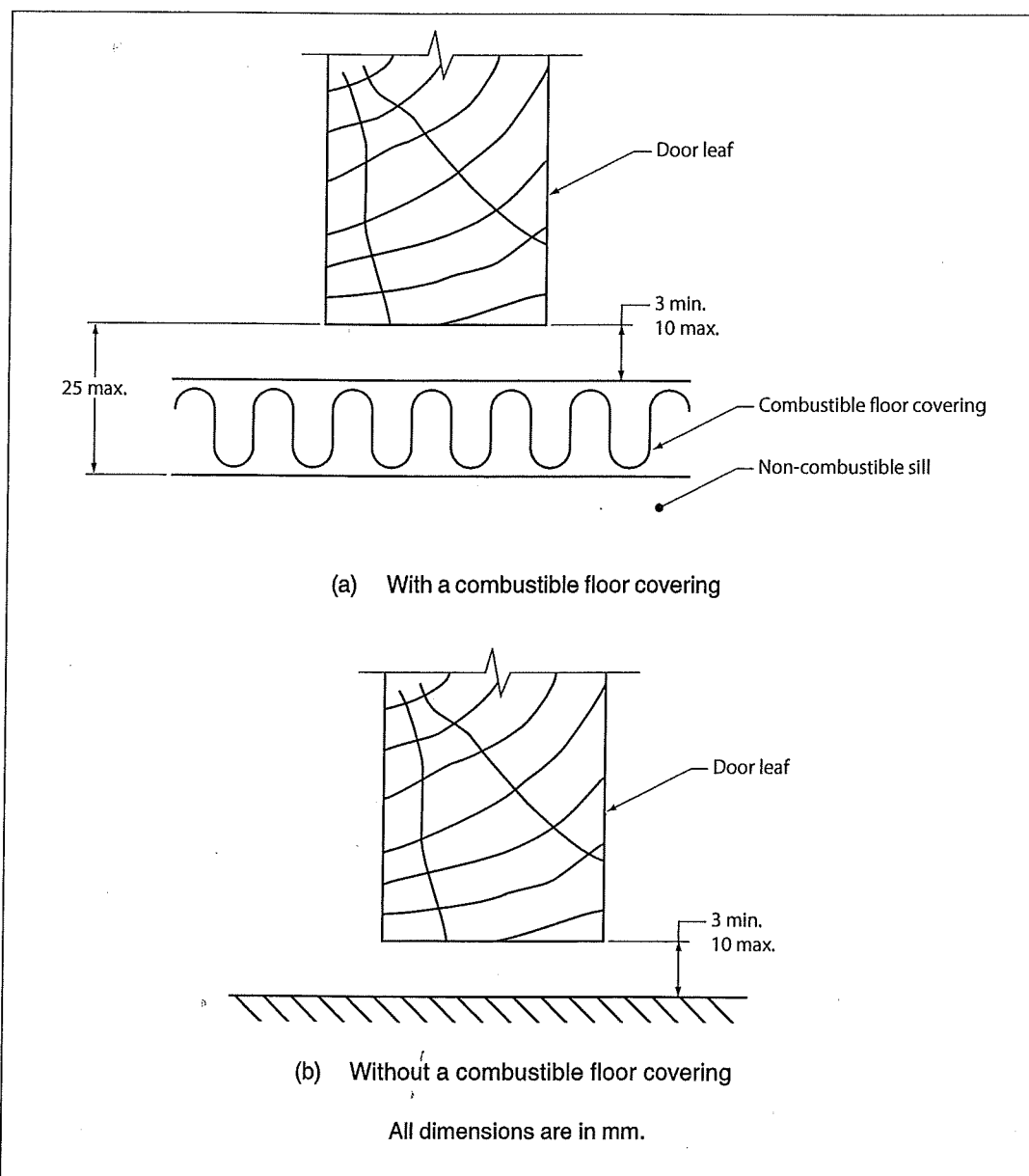
Clearances between the bottoms of all door leaves and the floor should be as follows (see figure C1):

- (a) Between the leaf and the top of any floor covering – not less than 3 mm and not more than 10 mm; and
- (b) Between the leaf and the top of the floor covering:
  - (i) Not more than 10 mm where there is no combustible floor covering
  - (ii) Not more than 25 mm where there is a combustible floor covering present.

NOTE – When the installed doorset is inspected for compliance with C2.2.2(b)(ii), the clearance should not exceed 25 mm for the purpose of certification unless an appropriate note is made in the evidence of compliance.

**CC2.2.2**

*In essence the maximum gap between the bottom of the door leaf and the adjacent floor covering is 10 mm. The 25 mm dimension is provided to limit the thickness of carpets and underlays to a maximum thickness of 15 mm in total. The intention of this Standard is to not allow a 25 mm gap under a door unless carpet is in the process of being installed. This is a temporary measure allowing for certification of the doorset, provided that a note is put in the evidence of compliance schedule and is checked at the first maintenance inspection.*



**Figure C1 – Clearances to floor**