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# Australian Standard 1905, Part 1—1984

See also AS 1851.1-1984 (Maintenance)  
See also AS 1905.1 Suppl -1988 (Logbook)

Under revision see DR 88239

## SAA FIRE DOOR CODE Part 1—FIRE-RESISTANT DOORSETS



**STANDARDS ASSOCIATION OF AUSTRALIA**  
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This Australian standard was prepared by Committee BD/18/1, Fire Doors. It was approved on behalf of the Council of the Standards Association of Australia on 8 December 1983 and published on 6 January 1984.

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The following interests are represented on Committee BD/18/1:

Board of Fire Commissioners of New South Wales  
Building Owners and Managers Association of Australia Limited  
Commonwealth Fire Board  
Confederation of Australian Industry  
Department of Local Government and Lands, N.S.W.  
Experimental Building Station  
Insurance Council of Australia  
Metal Trades Industry Association of Australia  
Royal Australian Institute of Architects

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AUSTRALIAN STANDARD

**COMPONENTS FOR THE PROTECTION  
OF OPENINGS IN FIRE-RESISTANT  
WALLS**  
known as the  
**SAA FIRE DOOR CODE**  
**Part 1**  
**FIRE-RESISTANT DOORSETS**

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## PREFACE

This edition of this standard was prepared by the Association's Committee on Fire Doors. It supersedes AS 1905, Part 1 1982, Construction and Installation of Fire Doors, Fire Windows and Fire Shutters—Fire Doors.

Whereas there are no changes in technical content in this new edition, a number of other changes have been made, the principal ones being as follows:

- (a) The title of the standard is changed to emphasize the concept of doorsets.
- (b) The hardware requirements are made more specific (see Clause 5 and Appendix D).
- (c) Notes on fire doors for specific applications have reverted to advisory matters (see Appendix A).
- (d) The suggested text for the manufacturer's label is modified (see Clause 10.2).
- (e) A log-book is now implemented (see Clause 11 and Appendix F).
- (f) An appendix is added which gives guidance on the ordering and specifying of fire doors (see Appendix E).

The requirements for maintenance of fire doors are covered in AS 1851, Part 7, Maintenance of Fire Protection Equipment—Fire-resistant Doorsets.

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**Australian Standard**  
for  
**COMPONENTS FOR THE PROTECTION OF OPENINGS IN FIRE-RESISTANT  
WALLS**  
known as the **SAA FIRE DOOR CODE**

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PART 1—FIRE-RESISTANT DOORSETS

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**FOREWORD**

Experience in the fire-testing of doorsets has emphasized the importance of compatibility between the doorset and the wall or partition in which it is mounted. A doorset which is mounted with its frame anchored to the floor slab above and below is structurally independent of the wall or partition. Its ability to prevent the passage of fire will depend, *inter alia*, on the lateral deflection of the door frame and the wall or partition being sufficiently similar as not to form a gap between these elements under fire conditions. A doorset which has demonstrated a fire resistance when mounted in an opening (so as to be dependent on the wall or partitioning around that opening for its lateral stability) will require support from a wall or partition during any subsequent fire exposure. Doorsets of this type should not be used in walls that are considered unlikely to provide the required support during exposure to fire. Information on the deflection of walls or partitions during the fire-resistance tests is normally contained in the report on the test.

A successful fire-resistance test on a prototype doorset may demonstrate its suitability for a particular application, but it does not necessarily establish its suitability for all applications.

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