

Australian Standard[®]

**Methods for fire tests on building
materials, components and structures**

**Part 8.1: Tests on elements of
construction for buildings exposed to
simulated bushfire attack—Radiant heat
and small flaming sources**



This Australian Standard® was prepared by Committee FP-018, Fire Safety. It was approved on behalf of the Council of Standards Australia on 27 June 2007.
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The following are represented on Committee FP-018:

- AWTATextile Testing
- Australasian Fire Authorities Council
- Australian Building Codes Board
- Australian Industry Group
- Australian Institute of Building
- Building Research Association New Zealand (BRANZ)
- Bureau of Steel Manufacturers of Australia
- CSIRO Manufacturing and Materials Technology
- Fire Protection Association Australia
- Fire Protection Association New Zealand
- Plastics and Chemicals Industries Association
- Property Council of Australia

Additional Interests:

- Testing Interests (Australia)
-

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Standards Australia wishes to acknowledge the participation of the expert individuals that contributed to the development of this Standard through their representation on the Committee and through the public comment period.

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AS 1530.8.1—2007

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PREFACE

General

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee FP-018, Fire Tests on Building Components, Materials and Structures and developed by FP-018-05.

After consultation with stakeholders in both countries, Standards Australia and Standards New Zealand decided to develop this Standard as an Australian Standard rather than an Australian/New Zealand Standard.

Development

This Standard is based on Independent Fire Test Laboratories Test Procedure FSE 027 Part 1 Version 1.6 dated 24 October 2005. See also AS 1530.8.2, *Methods for fire tests on building materials, components and structures* Part 8.2: *Tests on elements of construction for buildings exposed to simulated bushfire attack—Large flaming sources*.

Referenced documents

This Standard references documents in clauses of both a normative and informative nature. Normative referenced documents are listed in Clause 6. Informative referenced documents are listed in Appendix B.

Normative and informative

The terms ‘normative’ and ‘informative’ have been used in this Standard to define the application of the appendix to which they apply. A ‘normative’ appendix is an integral part of the Standard, whereas an ‘informative’ appendix is only for information and guidance.

Notes

The use of Notes in this Standard is of an advisory nature only. They provide explanations and guidance on recommended design consideration or technical procedures, as well as an informative cross-reference to other documents or publications.

Commentary

This Standard incorporates a Commentary on some clauses. The Commentary directly follows the relevant clause is designated by ‘C’ preceding the clause number and is printed in italics in a panel. The Commentary is for information only and does not need to be followed for compliance with the Standard.

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