AS 1530.4—1990

Australian Standard®

Methods for fire tests on building materials, components and structures

Part 4: Fire resistance tests of elements of building construction

This Australian Standard was prepared by Committee BD/18, Fire Tests–Building Materials, Components and Structures. It was approved on behalf of the Council of Standards Australia on 26 September 1989 and published on 19 January 1990.

The following interests are represented on Committee BD/18:

Australian British Chamber of Commerce

Australian Fire Protection Association

Australian Institute of Building

Australian Uniform Building Regulations Coordinating Council

Board of Fire Commissioners, New South Wales

Bureau of Steel Manufacturers of Australia

Cement and Concrete Association of Australia

Commonwealth Fire Board

Confederation of Australian Industry

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PREFACE

This Standard was prepared by the Standards Australia's Committee on Fire Tests on Building Components, Materials and Structures, to supersede AS 1530, Methods for fire tests on building materials, components and structures, Part 4–1985, Fire–resistance test of elements of construction.

This Standard represents a further development of the philosophy and procedures adopted in the previous edition. The test method also follows the basic principles and procedures contained in ISO 834, *Fire-resistance tests-Elements of building construction*. Relatively minor departures from the ISO recommendations have been made only where specific performance requirements for elements of building construction have been traditionally acceptable in Australia.

It is intended, however, that the next edition will further address minor variances between this Standard, ISO 834 and other national Standards.

This edition further addresses the subject of incipient spread of fire, and excludes from consideration certain materials with a thin surface finish of not greater than 1 mm thick.

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