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## AS 5113:2016 (+A1:2018) Fire propagation testing and classification of external walls of buildings

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### Abbreviation

AS 5113:2016 (+A1:2018)

### Amendment

A1:2018 (incorporated) - Classification of external walls of buildings based on reaction-to-fire performance.

### Valid from

23/03/2016

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### Information provider

SAI Global

### Author

Standards Australia

### Information type

Australian Standard

### Format

PDF, Hard copy

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### Cites

[This resource cites 7 documents \(show Citations\)](#)

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### Description

This Standard sets out the procedures and criteria for the classification of external walls of buildings according to their tendency to spread fire:

a) via the external wall;

b) between adjacent buildings;

and production of falling debris that could be hazardous to evacuating occupants and fire fighters.

### Scope

This Standard is applicable to all external vertical or near vertical surfaces and covers all types of external wall systems, including façades, outer skins, core materials, cavities and attachments.

This Standard does not address the fire resistance and load bearing capacity of external walls, the fire hazard properties of internal surfaces or the impact of combustible construction on the fire severity of a fire occurring within a building.

For assistance with locating previous versions, please contact the information provider.

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This document CITES:

### Australian Standards

- [AS 1530.4:2014](#)

AS 5113:2016 (+A1:2018) cites AS 1530.4:2014 Methods for fire tests on building materials, components and structures. Part 4: Fire-resistance tests for elements of construction

- [AS 2484.1-1990 \(R2016\)](#)

AS 5113:2016 (+A1:2018) cites AS 2484.1-1990 (R2016) Fire - Glossary of terms - Part 1: Fire tests

Other

- [BS 8414-1:2015+A1:2017](#)

AS 5113:2016 (+A1:2018) cites BS 8414-1:2015+A1:2017 Fire performance of external cladding systems. Test method for non-loadbearing external cladding systems applied to the masonry face of a building

- [BS 8414-2:2015+A1:2017](#)

AS 5113:2016 (+A1:2018) cites BS 8414-2:2015+A1:2017 Fire performance of external cladding systems. Test method for non-loadbearing external cladding systems fixed to and supported by a structural steel frame

- [ISO 13785-2:2002](#)

AS 5113:2016 (+A1:2018) cites ISO 13785-2:2002 Reaction-to-fire tests for façades -- Part 2: Large-scale test

- [ISO 13943:2008](#)

AS 5113:2016 (+A1:2018) cites ISO 13943:2008 Fire safety - Vocabulary

- [NCC 2015 - Complete Series](#)

AS 5113:2016 (+A1:2018) cites NCC 2015 - National Construction Code of Australia - Complete Series

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