

STANDARDS AUSTRALIA

Amendment No. 1
to
AS 5113:2016
Fire propagation testing and classification of external walls of buildings

REVISED TEXT

The 2016 edition of AS 5113 is amended as follows; the amendments should be inserted in the appropriate places.

SUMMARY: This Amendment applies to the Title, Preface, Clauses 1, 3.1, 3.4 (new), 4.2, 5.2, 5.3, 5.4.3, 5.4.5, 5.4.6, 6, Appendix A and Appendix B.

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Title

Replace title throughout with:

Classification of external walls of buildings based on reaction-to-fire performance

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Preface

Delete third paragraph and *replace* with:

The objective of this Standard is to provide procedures and criteria for the classification of external walls of buildings according to their tendency to limit the spread of fire via the external wall and between adjacent buildings and limit falling debris that could be hazardous to evacuating occupants and fire fighters.

Further information on the relationship of this standard with the National Construction Code is provided in Appendix A.

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Clause 1

1 *Delete* the first paragraph and *replace* with:

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.

2 *Delete* the words ‘fire propagation via’ from the second paragraph.

3 *Delete* the word ‘combustible’ from the third paragraph.

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Clause 3.1

1 *Delete* the words ‘, but not including any additional supporting structure’.

2 *Add* new note:

NOTE: Details such as balconies, windows, window shutters and curtains are not considered in the classification.

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Clause 3.4 (new)

After Clause 3.3 *add* the following:

3.4 Debris

Any material that has fallen from the specimen.

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Clause 4.2

In the second paragraph, after the words 'Annex A', *add* the following:
of BS 8414:2015

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Clause 5.2

- 1 *Add* the words 'reaction-to-' before the words 'fire performance' in the first paragraph.
 - 2 *Delete* the word 'two' in the first paragraph.
 - 3 *Replace* Item (a) with the following:
 - (a) External wall (see Table 1):

EW: Meets the external wall classification criteria specified in Clause 5.4.
 - 4 *Delete* the words 'fire spread' from Item (b).
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Clause 5.3, Table 1 and 2, Title

In both instances insert the word 'PERFORMANCE' instead of 'FIRE SPREAD'.

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Clause 5.4.3

- 1 *Add* the following note under Item (e):

NOTE: The confines of the specimen is the minimum specimen size specified in the 'Test specimen' clause in ISO 13785-2 except that the height should be in accordance with Clause 5.4.2 in this Standard. The specimen may be constructed larger than the minimum size in which case spread is determined at the positions associated with the minimum specimen size specified by the above-mentioned clauses.
 - 2 *Replace* the second sentence of Item (g) with the following:

The mass shall be measured after the end of the test.
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Clause 5.4.5

- 1 *Add* the following note under Item (e):

NOTE: The confines of the specimen is the minimum specimen size specified in the 'Dimensions of test specimen' clause in BS 8414, Parts 1 and 2. The specimen may be constructed larger than the minimum size in which case spread is determined at the positions associated with the minimum specimen size.
 - 2 *Replace* the second sentence of Item (g) with the following:

The mass shall be measured after the end of the test.
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Clause 5.4.6, Title

- 1 *Replace* the words ‘spread tests’ with ‘performance’.
 - 2 *Replace* the second sentence of Item (f) with the following:
The mass shall be measured after the end of the test.
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Clause 6

- 1 *Replace* the first paragraph with the following:
A classification report or certificate shall be prepared and shall contain the following information:
 - 2 In Item (q) *replace* both instances of ‘FFP’ with ‘FP’.
 - 3 In Table 3 *replace* all instances of ‘180°C’ with ‘180K’.
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Appendix A

Delete Appendix A and *replace* with the following: