

STANDARDS AUSTRALIA

Amendment No. 2
to
AS 3959:2018
Construction of buildings in bushfire-prone areas

REVISED TEXT

The 2018 edition of AS 3959 is amended as follows; the amendments should be inserted in the appropriate places.

SUMMARY: This Amendment applies to the following:

- Preface.
- Clauses 1.4, 1.5.10, 2.2.1, 3.6.2, 3.8, 3.10, 5.2, 5.3.2.1, 5.4.1, 5.5.3, 5.5.4, 5.5.5, 5.6.5, 5.6.6, 5.7.1, 5.7.3.3, 6.1, 6.2, 6.4.1, 6.5.3, 6.5.4, 6.5.5, 6.5.6, 6.6.6, 6.7.1, 6.7.5, 7.2, 7.3.2.2, 7.4.1, 7.5.6, 7.6.5, 7.7.1, 7.7.5, 8.4.1, 8.5.3, 8.5.4, 8.5.5, 8.5.6, 8.6.5, 8.6.6, 9.2, 9.5.6, 9.6.6, 9.8, B2, B3 and B10.3.
- Figure 3.2.
- Tables 2.3, B3, B4 and B5.
- Appendix B References.
- Bibliography.

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Throughout document

- 1 *Delete* 'BAL level' and *replace* with 'BAL'.
- 2 *Delete* 'conforming' and *replace* with 'that conforms'.
- 3 *Delete* 'materials' and *replace* with 'material'.

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Preface

In Item (e), *delete* the last sentence and *replace* with the following:

Where specified, weather strips are to conform with a flammability index not greater than 5 (AS 1530.2).

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Clause 1.4

- 1 *Delete* the following:
 - 1720 Timber structures
 - 1720.2 Part 2: Timber properties
- 2 *Delete* '4505 Garage doors and other large access doors'

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Clause 1.5.10

Delete 'stiles' and *replace* with 'jambs'.

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Clause 2.2.1

Delete Step 5 and *replace* with the following:

Step 5 2.2.6 Determine the BAL from the appropriate table (see Tables 2.4, 2.5, 2.6, and 2.7).

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Table 2.3

- 1 In the table header, fourth column *delete* 'Description' and *replace* with 'Typical characteristics'.
 - 2 In 'A Forest', in the second row, fourth column, *delete* 'Trees 30 m high' and *replace* with 'Trees up to 30 m high'.
 - 3 In 'B Woodland', in the fourth column, *delete* 'Trees 10 m–30 m high' and *replace* with 'Trees up to 30 m high'.
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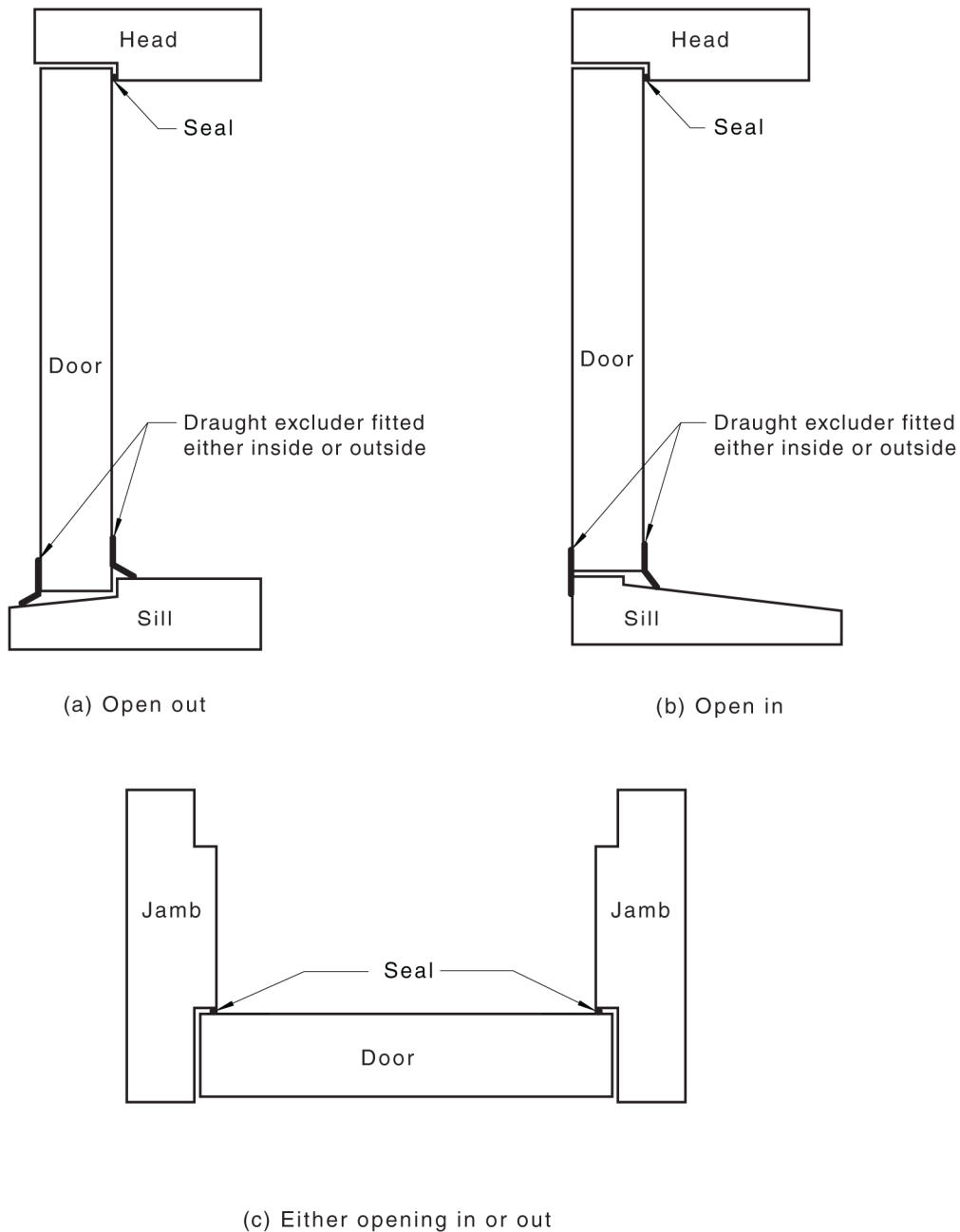
Clause 3.6.2, Commentary

In the first sentence of the commentary, *delete* 'There are no requirements' and *replace* with 'There is no requirement'.

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Figure 3.2

Delete figure and *replace* with the following:



Clause 3.8

In the second paragraph, *delete* 'Crib Class A' and *replace* with 'Crib Classes A, B and C'.

Clause 3.10

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

Where sarking is required in Sections 5 to 9, the flammability index shall be not greater than 5 when tested in accordance with AS 1530.2.

Clause 5.2

1 After Item (c) and before the Note, *insert* the following:

Where the subfloor space is unenclosed, the support posts, columns, stumps, piers and poles shall be constructed of —

- (i) non-combustible material; or

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- (ii) bushfire-resisting timber (see Appendix F); or
- (iii) a timber species as specified in Appendix E Paragraph E1; or
- (iv) a combination of Items (i), (ii) and (iii).

2 *Delete* Commentary C5.2.

3 *Add* the following at the end of the Clause:

Combustible material should not be stored in the subfloor space as these may be ignited by embers and cause an additional impact to the building.

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Clause 5.3.2.1

In Item (c), *delete* ‘above’.

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Clause 5.4.1

1 In the first paragraph *delete* ‘one of the following’ and *replace* with ‘as follows’.

2 In Item (c) *delete* Item (v) and *replace* with the following:

- (v) steel sheeting; or
 - (vi) a combination of any of Items (i), (ii), (iii) (iv) or (v); or
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Clause 5.5.3

1 *Delete* Items (a) and (b) and *replace* with the following:

- (a) be completely protected by a bushfire shutter that conforms with Clause 3.7 and Clause 5.5.1; or
- (b) be completely protected externally by screens that conform with Clause 3.6 and Clause 5.5.2; or

2 *Renumber* the first commentary as ‘C5.5.3(A)’ and the second commentary as ‘C5.5.3(B)’.

3 *Delete* the first line of Item (c) and *replace* with the following:

- (c) conform with the following:

4 In Commentary 5.5.3(B), *delete* paragraphs 2 and 3.

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Clause 5.5.4

1 In Item (c)(iv), after ‘Glazing’ *insert* ‘Where doors incorporate glazing,’.

2 In Item (c)(v), *delete* ‘draft’ and *replace* with ‘draught’ in two instances.

3 *Delete* Item (c)(vi), and *replace* with the following:

Screens There is no requirement to screen the openable part of the door at this BAL.

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Clause 5.5.5

In Item (c)(iii), *delete* ‘grade A’ and *replace* with ‘Grade A’.