

## Pliable building membranes and underlays Part 2: Installation

### Amendment No. 2

### Revised text amendment

#### Publishing and Approval Dates

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#### Publishing and Approval Dates

##### Summary

This Amendment applies to the following elements:

- Global change
- Clauses 1.3, 1.5, 2.5, 3.4.2, 3.6.2.2, 3.7.2, 3.11.2(a) and 4.7.
- Figure 4.7.
- Appendix B and Bibliography.

#### Amendment Details

AS 4200.2:2017 is amended as follows. The amendments should be inserted in the locations as instructed.

| Element              | Instruction / New text                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Global change</b> | <i>Delete</i> "AS/NZS 4200.1" and <i>replace</i> with "AS 4200.1" in all instances.                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>CI 1.3</b>        | <i>Add</i> the following under AS/NZS listing:<br>4859.2, <i>Thermal insulation materials for buildings, Part 2: Design</i>                                                                                                                                                                                                                                                                                                                                                                   |
| <b>CI 1.5</b>        | <i>Delete</i> clause.                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>CI 2.5</b>        | <i>Delete</i> first and second paragraphs and <i>replace</i> with the following:<br>Where a pliable building membrane is to be installed as a thermal control membrane and contributes a material and/or IR (infrared) reflective R-value, the calculation of the total R-value shall be in accordance with AS/NZS 4859.2.                                                                                                                                                                    |
| <b>CI 3.4.2</b>      | 1 <i>Delete</i> text of Item (b) and <i>replace</i> with the following:<br>(b) A thermal control membrane with upward facing infrared (IR) reflective surface shall be installed with its specified air gap, in accordance with its AS/NZS 4859.2 total R-value calculation.<br>2 Note 2, <i>delete</i> first sentence and <i>replace</i> with the following:<br>The total R-value of a system containing reflective insulation is dependent on heat flow direction and the air gap provided. |
| <b>CI 3.6.2.2</b>    | <i>Delete</i> text (excluding Note) and <i>replace</i> with the following:<br>Where a pliable building membrane is installed as a thermal control membrane in ceilings, it shall have its specified air gap adjacent to its IR reflective (emittance of $\leq 0.05$ ) face(s) in accordance with its AS/NZS 4859.2 total R-value calculation.                                                                                                                                                 |
| <b>CI 3.7.2</b>      | <i>Delete</i> text (excluding Note) and <i>replace</i> with the following:                                                                                                                                                                                                                                                                                                                                                                                                                    |

| Element                            | Instruction / New text                                                                                                                                                                                                                                                   |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                    | Where a pliable building membrane is installed for thermal control, the membrane shall be installed with its specified air gap, in accordance with its AS/NZS 4859.2 total R-value calculation.                                                                          |
| CI 3.11.2, Item (a)                | Delete 'AS/NZS 4859.1' and <i>replace</i> with 'AS/NZS 4859.2'.                                                                                                                                                                                                          |
| CI 4.7                             | Delete first paragraph and Note and <i>replace</i> with the following:<br>At windows, doors and other openings, the pliable building membrane shall be cut and dressed to achieve the desired function of the membrane in accordance with Clauses 4.1, 4.2, 4.3 and 4.4. |
| Figure 4.7                         | Delete Figure 4.7.                                                                                                                                                                                                                                                       |
| Appendix B<br>Paragraph B1, Note 2 | Delete Note 2.                                                                                                                                                                                                                                                           |
| Bibliography                       | Delete 'Durability in Buildings including Plumbing Installations Handbook'.                                                                                                                                                                                              |