AS 4773.2:2015
(Incorporating Amendment No. 1)

AS 4773.2:2015



Masonry in small buildings

Part 2: Construction



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- Australian Institute of Building Surveyors
- Building Designers Association of Australia
- Cement Concrete and Aggregates Australia—Cement
- Concrete Masonry Association of Australia
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- Housing Industry Association
- Masonry Contractors Association of NSW
- Master Builders Australia
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PREFACE

A1 This Standard was prepared by the Standards Australia Committee BD-004, Masonry Structures, to supersede AS 4773.2—2010.

This Standard incorporates Amendment No. 1 (September 2020). The changes required by the Amendment are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure or part thereof affected.

The objective of this Standard is to provide minimum requirements for use by builders for the construction of masonry in small buildings, such as houses and garages.

This Standard is intended as a companion document to AS 4773.1, *Masonry in small buildings*, Part 1: *Design*.

The objective of this revision is to provide clarifications and minor corrections.

Statements expressed in mandatory terms in notes to tables and figures are deemed to be requirements of this Standard.

The term ‘informative’ has been used in this Standard to define the application of the appendix to which it applies. An ‘informative’ appendix is only for information and guidance.

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SECTION 1 SCOPE AND GENERAL

1.1 SCOPE

This Standard specifies requirements for construction practices for masonry in buildings of Class 1 and Class 10a, as defined in the National Construction Code (NCC), designed in accordance with AS 4773.1 and to be constructed from clay, concrete, or calcium silicate masonry units and as follows:

(a) Leaf thicknesses are 90 mm or greater.

(b) The tops of all walls are laterally supported by a roof or floor structure acting as a diaphragm with the exception of parapets, chimneys and cantilevers in accordance with Clause 14.9 of AS 4773.1:2015 and fin walls in accordance with Table 9.1 of AS 4773.1:2015.

(c) Walls are supported on concrete slabs, footings or suspended slab complying with NCC.

(d) The geometric limitations specified in Clause 1.2.2.

The scope of this Standard does not cover the following:

(i) Acoustics and energy efficiency.

(ii) Construction or detailing of attachments such as basketball hoops, satellite dishes, shade structures and similar structures.

(iii) Masonry constructed from autoclaved aerated concrete (AAC) units.

(iv) Structures required to be designed for earthquake actions in accordance with AS 1170.4.

(v) External walls constructed from horizontally cored units.

NOTES:

1 For acoustic and energy efficiency requirements, see the NCC.

2 For applications outside the scope of this Standard, the masonry should be constructed in accordance with AS 3700.

3 Guidance on the cleaning of masonry is given in Appendix A.

1.2 GENERAL LIMITATIONS

1.2.1 Loading

Wind category and loads derived from AS 4055 are required for the use of some of the Tables in this Standard.

NOTES:

1 For wind loads on structures outside the scope of Clause 1.2.2, AS/NZS 1170.2 should be used in conjunction with AS 3700.

2 The loads specified in AS 4055 include the appropriate combinations of permanent and wind actions.

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