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AS 3700-2001 Masonry structures

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Abbreviation

AS 3700-2001

Amendment

Amdt 1:2002 Amdt 2:2003 Amdt 3:2007

Valid from

27/11/2001

Replaces

[AS 3700-1988](#)

Information provider

SAI Global

Author

Standards Australia

Information type

Australian Standard

Format

PDF

Cited By

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Description

This Standard provides designers, engineers and specifiers with the minimum requirements for the design and construction of unreinforced, reinforced and prestressed masonry, including built-in components, for use in masonry applications.

Scope

This Standard sets out minimum requirements for the design and construction of masonry, including unreinforced, reinforced and prestressed, using manufactured units of clay, calcium silicate and concrete laid in mortar, autoclaved aerated concrete (AAC) laid in thin-bed mortar, and square-dressed natural stone laid in mortar.

The Standard does not give values or material properties for the design and construction of square-dressed natural stone.

Notes:

1. This Standard assumes that the structural design of masonry is entrusted to experienced structural engineers or similar appropriately qualified persons, and that the execution of such work is carried out under the direction of appropriately qualified persons who are experienced in masonry construction and who understand the structural requirements.
2. The Standard does not give specific requirements for prefabricated masonry panels or masonry in composite action with steel or concrete structural members. The principles of this Standard should be followed, as far as they are applicable, for

such types of construction.

3. The provisions of this Standard do not include specification for design and construction of AAC laid in other than thin-bed mortar.

However, for masonry so constructed the general principles of this Standard may be used.

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