

SINGAPORE STANDARD
**Code of practice for design and
installation of partition walls**

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partition walls**

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Foreword

This Singapore Standard was prepared by the Technical Committee on Architectural Practice under the direction of the Building and Construction Industry Standards Committee. It is a code of practice for the design and installation of partition walls. This code is issued together with SS 492 which specifies performance requirements for strength and robustness (including methods of test) of partition walls .

A partition wall is defined as an internal wall used for the purpose of subdividing a storey of a building into sections which support no load other than its own weight. Relocatable and movable systems, as well as party walls, are excluded from the scope of this code.

The recommendations given are generally applicable to all partition walls, including masonry partition walls, but the standard makes no reference to specific materials and methods used in their construction. For masonry partition walls, the requirements of BS 5628 should be considered where applicable.

Partition walls are given grades relating to the level of activity in adjacent spaces. Grades are also determined by the structural and functional performance of a sample partition wall when tested by the methods described in SS 492. A summary of performance criteria for grades of partition walls is given in Annex B.

This code is an adoption of British Standard No. BS 5234 : Part 1 and was implemented with the permission of the British Standards Institution.

Acknowledgement is made for the use of information from BS 5234 : Part 1.

NOTE

1. *Singapore Standards (SSs) and Technical References (TRs) are reviewed periodically to keep abreast of technical changes, technological developments and industry practices. The changes are documented through the issue of either amendments or revisions.*
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Code of practice for design and installation of partition walls

Section One – General

1.1 Scope

This code gives recommendations for the design and installation of partition walls. The functions and properties of partition walls to be considered are given. Recommendations for ensuring that the design is realised on site and maintained after completion are given.

*As amended
Nov 2014*

Partition walls are graded by their categories of duty, assessed against performance criteria when sample partition walls are tested for structural and functional requirements by the methods given in SS 492. The performance requirements are for partition walls complete with their surface finishes where these are part of the partition wall specification.

Performance requirements specific to special purpose partition walls are not included. Examples of excluded properties are:

- thermal insulation to cold store partition walls;
- sound absorption of partition walls to large auditoria;
- X-ray resistance of partition walls.

1.2 References

This code incorporates, by reference, provisions from specific editions of other publications. These references are cited at the appropriate points in the text and the publications are listed at the end of the code. Subsequent amendments to, or revisions of, any of these publications apply to this code only when incorporated in it by updating or revision.

For other publications that provide information or guidance, editions of these publications current at the time of issue of this standard are listed but reference should be made to the latest editions.