

NA to SS EN 1992-1-2:2008(2023)
(ICS 13.220.50, 91.010.30; 91.080.40)

SINGAPORE STANDARD

**Singapore National Annex to Eurocode 2 :
Design of concrete structures**

– Part 1-2 : General rules – Structural fire design

Confirmed 2023

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National Foreword

This Singapore Standard was prepared by the Technical Committee on Building Structure and Sub-structure under the purview of the Building and Construction Standards Committee.

This standard is an adoption of UK National Annex to Eurocode 2 : Design of concrete structures – Part 1-2 : General rules – Structural fire design and is implemented with the permission of British Standards Publishing Ltd.

In preparing this standard, reference was also made to PD 6687 : 2006 – Background paper to the UK National Annexes to BS EN 1992-1.

Acknowledgement is made to BSI for the use of information from the above publications.

This Singapore NA contains information on those parameters which are left open in EN 1992-1-2 for national choice, known as nationally determined parameters. The Singapore NA is to be read in conjunction with the SS EN 1992-1-2 : 2008 – Eurocode 2 : Design of concrete structures – Part 1-2 : General rules – Structural fire design.

At the time of publication, this standard is expected to be used as a reference in the Building and Construction Authority's 'Approved Document – Acceptable Solutions'.

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. Where SSs are deemed to be stable, i.e. no foreseeable changes in them, they will be classified as "mature standards". Mature standards will not be subject to further review unless there are requests to review such standards.*
- 2. An SS or TR is voluntary in nature except when it is made mandatory by a regulatory authority. It can also be cited in contracts making its application a business necessity. Users are advised to assess and determine whether the SS or TR is suitable for their intended use or purpose. If required, they should refer to the relevant professionals or experts for advice on the use of the document. Enterprise Singapore and the Singapore Standards Council shall not be liable for any damages whether directly or indirectly suffered by anyone or any organisation as a result of the use of any SS or TR. Although care has been taken to draft this standard, users are also advised to ensure that they apply the information after due diligence.*
- 3. Compliance with a SS or TR does not exempt users from any legal obligations.*

Singapore National Annex to SS EN 1992-1-2 : 2008 – Eurocode 2 : Design of concrete structures – Part 1-2: General rules — Structural fire design

NA.1 Scope

This Annex gives:

- a) Nationally determined parameters described in the following subclauses of SS EN 1992-1-2;
 - 2.1.3 (2) — 5.3.2 (2)
 - 2.3 (2)P — 5.6.1 (1)
 - 3.2.3 (5) — 5.7.3 (2)
 - 3.2.4 (2) — 6.1 (5)
 - 3.3.3 (1) — 6.2 (2)
 - 4.1 (1)P — 6.3 (1)
 - 4.5.1 (2) — 6.4.2.1 (3)
 - 5.2 (3) — 6.4.2.2 (2)
- b) the Singapore decisions on the status of SS EN 1992-1-2 informative annexes;
- c) references to non-contradictory complementary information.