NA to BS EN 1996-1-1:2022



BSI Standards Publication

UK National Annex to Eurocode 6: Design of masonry structures

Part 1-1: General rules for reinforced and unreinforced masonry structures

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Foreword

Publishing information

This National Annex is published by BSI Standards Limited, under licence from The British Standards Ins titution, and came into effect on 31 December 2024. It was prepared by Subcommittee B/525/6, *Use of masonry*, under the authority of Technical Committee B/525, *Building and civil engineering structures*. A list of organizations represented on these committees can be obtained on request to the committee manager.

Supersession

There is a period of coexistence related to this document, see below (Information about this document) for further details.

This document is the National Annex to BS EN 1996-1-1:2022.

The National Annex to BS EN 1996-1-1:2005+A1:2012 will be withdrawn on 30 March 2028.

Relationship with other publications

This National Annex is to be used in conjunction with BS EN 1996-1-1:2022. It cannot be used by itself.

Information about this document

This National Annex to the EN Eurocode contains the national choices to be used for buildings and civil engineering works constructed in the UK. It also includes complementary information that is non-conflicting with the Eurocode itself.

The first generation of EN Eurocodes will remain current until 30 March 2028 and will then be withdrawn. The second generation of EN Eurocodes will be current upon publication and both sets of documents will co-exist until 30 March 2028.

The first generation of EN Eurocodes was published between 2002 and 2007, with conflicting British Standards withdrawn in 2010. This National Annex forms part of the second generation of EN Eurocodes suite of documents. The second generation of National Annexes to Eurocodes are expected to be published between 2024 and 2026. These documents are being published as soon as they are available. This is being done to enable users to prepare for the transition from the first generation to second generation of EN Eurocodes suite of documents. National Annexes of the first generation of Eurocodes will be withdrawn alongside the first generation of EN Eurocodes by BSI on 30 March 2028.

Where reference is made to a BS EN Eurocode document in this National Annex, it is understood that this includes the relevant National Annex where applicable.

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Presentational Conventions

The verb “shall” expresses a requirement strictly to be followed and from which no deviation is permitted in order to comply with the Eurocodes and the NDP specified in this National Annex.

The verb “should” expresses a highly recommended choice or course of action. Subject to national regulation and/or any relevant contractual provisions, alternative approaches could be used/adopted where technically justified.

The verb “may” expresses a course of action permissible within the limits of the Eurocodes and the NDP specified in this National Annex.

The verb “can” expresses possibility and capability; it is used for statements of fact and clarification of concepts.

Where words have alternative spellings, the preferred spelling of the *Shorter Oxford English Dictionary* is used (e.g. “organization” rather than “organisation”).

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NA.1 Scope

This National Annex gives:

a) the UK decisions for the Nationally Determined Parameters described in the following paragraphs of BS EN 1996-1-1:2022 (see **NA.2**):

4.4.4(2)	**5.1.2**(4)	**5.2.2**(2)	**5.7.1.2**(1)
5.7.2.3(2)	**5.7.2.1**(1)	**5.7.2.1**(2)	**5.7.2.2**(4)
5.7.4(4) – 3 choices	**5.8.2**(3)	**5.8.4**(3)	**6.3.3**(2)
6.3.3(3)	**7.5.1.4**(4)	**8.3.1**(2)	**8.10.3.1**(2)
10.1.2(2)	**10.5.2.2**(2)	**10.5.2.3**(2)	**10.6.2**(1)
10.6.3(1)			

b) the UK decisions on the status of BS EN 1996-1-1:2022 informative annexes (see **NA.3**).

NA.2 Nationally determined parameters

*COMMENTARY ON **NA.2***

The headings of this clause are set out with the National Annex clause number before the Eurocode clause number and then text to make it easier to navigate between the separate Eurocode and National Annex documents.

The NDP are presented in roman (i.e. upright) type type *and are expressed as a set of statements/ instructions, or in sentences in which the principal auxiliary verb is "shall" or "should".*

NA.2.1 4.4.4(2) Ultimate limit states

The values for γ_M in Table NA.1 shall be used.

Table NA.1 – Values of γ_M for ultimate limit state

Class of execution control	γ_M	
	1[A)]	**2**[A)]
Material		
Masonry		
When in a state of direct or flexural compression		
Unreinforced masonry made with:		
• units of category I	2,3[B)]	2,7[B)]
• units of category II	2,6[B)]	3,0[B)]
Reinforced masonry made with mortar M6 or M12:		
• units of category I	2,0[B)]	[C)]
• units of category II	2,3[B)]	[C)]
When in a state of flexural tension:		
in laterally loaded wall panels when removal of the panel would affect the overall stability of the building		
• units of category I and II	2,3[B)]	2,7[B)]
in laterally loaded wall panels when removal of the panel would not affect the overall stability of the building		
• units of category I and II	2,0[B)]	2,4[B)]

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