

Sills, copings and cappings —

**Part 2: Specification for copings ^{A1} and
cappings ^{A1} of precast concrete, cast
stone, clayware, slate and natural stone**

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British Board of Agrément
British Precast Concrete Federation Ltd
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Cement and Concrete Association
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Department of the Environment (Building Research Establishment)
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Stone Federation
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Foreword

Publishing information

This part of BS 5642 is published by BSI Standards Limited, under licence from The British Standards Institution.

Supersession

BS 5642-2:1983+A1:2014 supersedes BS 5642-2:1983, which is withdrawn.

Information about this document

BS 5642-2:1983 was prepared under the direction of the Elements and Components (of Diverse Materials) for Buildings Standards Committee. It was a metrication and revision of BS 3798:1964, which was withdrawn. Few changes to the basic specification were made, other than bringing the requirements for materials into line with those given for window sills in BS 5642-1. For a satisfactory coping system, it is essential to follow the recommendations for design and installation given in Appendix C. These were included pending publication of BS 5628-3 which was a revision of CP 121-1:1973.

The start and finish of text introduced or altered by BS 5642-2:1983+A1:2014 is indicated in the text by tags **[A]** **[A]**. Minor editorial changes are not tagged.

The principle changes in BS 5642-2:1983+A1:2014 are:

- The references have been updated (many of which have been replaced by BS ENs).
- The text has been amended to be consistent with the updated references.
- Text superseded by the updated references has been deleted.

Presentational conventions

The provisions of this standard are presented in roman (i.e. upright) type. Its requirements are expressed in sentences in which the principal auxiliary verb is “shall”.

Commentary, explanation and general informative material is presented in smaller italic type, and does not constitute a normative element.

Requirements in this standard are drafted in accordance with *Rules for the structure and drafting of UK standards*, subclause **J.1.1**, which states, “Requirements should be expressed using wording such as: ‘When tested as described in Annex A, the product shall ...’”. This means that only those products that are capable of passing the specified test will be deemed to conform to this standard.

Contractual and legal considerations

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

Compliance with a British Standard cannot confer immunity from legal obligations.

Section 1. General

1 Scope

This Part of this British Standard specifies requirements for copings ^{A1} and cappings ^{A1} of precast concrete, cast stone, clayware, slate and other natural stone.

Appendix C gives recommendations for the design and installation of copings ^{A1} and cappings ^{A1}.

^{A1} It does not cover masonry units conforming to the requirements of BS EN 771 (all parts). ^{A1}

NOTE ^{A1} Cast stone units not containing reinforcement or fixings and not exceeding 650 mm in any co-ordinating dimension are covered by BS EN 771-5. ^{A1}

^{A1} 2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

BS 1217, *Cast stone – Specification*

BS 1881-208, *Testing concrete – Recommendations for the determination of the initial surface absorption of concrete*

BS 4449, *Steel for the reinforcement of concrete. Weldable reinforcing steel. Bar, coil and decoiled product – Specification*

BS 4482, *Steel wire for the reinforcement of concrete products – Specification*

BS 4483, *Steel fabric for the reinforcement of concrete – Specification*

BS 6100 (all parts), *Building and civil engineering – Vocabulary*

BS 6744, *Stainless steel bars for the reinforcement of and use in concrete – Requirements and test methods*

BS 8500-1, *Concrete – Complementary British Standard to BS EN 206-1. Method of specifying and guidance for the specifier*

BS 8500-2, *Concrete – Complementary British Standard to BS EN 206-1. Specification for constituent materials and concrete*

BS EN 197-1, *Cement. – Part 1: Composition, specifications and conformity criteria for common cements*

BS EN 206-1, *Concrete – Part 1: Specification, performance, production and conformity*

BS EN 771-1, *Specification for masonry units. Part 1: Clay masonry units*

BS EN 1008, *Mixing water for concrete – Specification for sampling, testing and assessing the suitability of water, including water recovered from processes in the concrete industry, as mixing water for concrete*

BS EN 12163, *Copper and copper alloys – Rod for general purposes*

BS EN 12167, *Copper and copper alloys – Profiles and bars for general purpose*

BS EN 12350-1, *Testing fresh concrete – Part 1: Sampling*

BS EN 12390-2, *Testing hardened concrete – Part 2: Making and curing specimens for strength tests*

BS EN 12390-3, *Testing hardened concrete – Part 3: Compressive strength of test specimens*

BS EN 12620, *Aggregates for concrete*

BS EN 12878, *Pigments for the colouring of building materials based on cement and/or lime – Specifications and methods of test*

BS EN 13055-1, *Lightweight aggregates – Part 1: Lightweight aggregates for concrete, mortar and grout*

PD 6697, *Recommendations for the design of masonry structures to BS EN 1996-1-1 and BS EN 1996-2*

PD CEN/TS 13388, *Copper and copper alloys – Compendium of compositions and products* ^{A1}

3 Definitions

For the purposes of this Part of this standard the definitions given in ^{A1} BS 6100 (all parts) ^{A1} apply, together with the following.

^{A1} capping

construction that protects the top of a wall, but does not shed rainwater clear of the surfaces of the wall beneath

coping

construction that protects the top of a wall, balustrade, or parapet and sheds rainwater clear of the surfaces beneath ^{A1}

^{A1} Clauses deleted ^{A1}