

**BS EN 771-4:2011+A1:2015**



**BSI Standards Publication**

# **Specification for masonry units**

Part 4: Autoclaved aerated concrete  
masonry units

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## National foreword

This British Standard is the UK implementation of EN 771-4:2011+A1:2015. It supersedes BS EN 771-4:2011, which is withdrawn.

The start and finish of text introduced or altered by amendment is indicated in the text by tags. Tags indicating changes to CEN text carry the number of the CEN amendment. For example, text altered by CEN amendment A1 is indicated by A1 A1.

EN 771-4:2011 is a “harmonized” European Standard and fully takes into account the requirements of the European Commission mandate M116, Masonry and related products, given under the EU Construction Products Regulation (Regulation (EU) No 305/2011).

EN 771-4 was the subject of transitional arrangements agreed under the Commission mandate. In the UK, the corresponding national standard was:

- BS 6073-1:1981, *Precast concrete masonry units — Part 1: Specification for precast concrete masonry units*;

which was withdrawn in 2005.

The UK participation in its preparation was entrusted by Technical Committee B/519, Masonry and associated testing, to Subcommittee B/519/1, Masonry units.

A list of organizations represented on this subcommittee can be obtained on request to its secretary.

EN 771-4 specifies the characteristics and performance requirements for autoclaved aerated concrete masonry units available throughout the CEN member countries. It aims to do so in product performance terms, avoiding as far as possible prescriptive requirements but permitting all the traditional designations of autoclaved aerated units available throughout Europe. The concept of the declared value has been introduced. This is the value for the various properties referred to in this standard that the manufacturer claims for the product. There are other notable differences to which the national annex refers, in particular the supporting test methods are different and in respect of compressive strength, manufactured autoclaved aerated concrete masonry units are designated either Category I or Category II.

The UK National Annex NA to this standard provides an informative commentary on the differences between EN 771-4 and BS 6073-1. Nothing in this annex should be construed as specifying requirements other than those contained in the normative parts of this European Standard.

Masonry units conforming to this standard need to be CE marked in accordance with the procedures in Annex ZA. The significance of the CE marking is that the product manufacturer claims compliance with the “harmonized” requirements given in the normative text of the product standard. These relate to the essential requirements of the EU Construction Products Regulation. Not all product characteristics need necessarily be given on the CE marking, but those product characteristics covered by regulations in force in each EU Member State, where the manufacturer intends that the product will be used, do need to be stated.

It cannot be assumed that the declared value of a performance characteristic given for a masonry unit conforming to one part of EN 771 can be directly compared with the same performance characteristic for a masonry unit conforming to another part of EN 771.

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

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

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**Amendments/corrigenda issued since publication**

| Date          | Text affected   |
|---------------|---|
| 31 March 2016 | Implementation of CEN amendment A1:2015. National Foreword and National Annex NA also updated |



English Version

## Specification for masonry units - Part 4: Autoclaved aerated concrete masonry units

Spécifications pour éléments de maçonnerie - Partie 4:  
Éléments de maçonnerie en béton cellulaire autoclavé

Festlegungen für Mauersteine - Teil 4: Porenbetonsteine

This European Standard was approved by CEN on 17 March 2011 and includes Amendment 1 approved by CEN on 11 January 2015.

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