

BS EN 771-1:2011+A1:2015



BSI Standards Publication

Specification for masonry units

Part 1: Clay masonry units

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National foreword

This British Standard is the UK implementation of EN 771-1:2011+A1:2015. It supersedes BS EN 771-1:2011, which is withdrawn.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 771-1:2011+A1:2015 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 771-1 was the subject of transitional arrangements agreed under the Commission mandate. In the UK, the corresponding national standards were:

- BS 3921:1985, *Specification for clay bricks*;
- BS 6649:1985, *Specification for clay and calcium silicate modular bricks*;

which were withdrawn in 2007.

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 committee can be obtained on request to its secretary.

EN 771-1 specifies the characteristics and performance requirements for clay 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 clay units available throughout Europe. The Standard distinguishes between clay masonry units for use in protected masonry (P units) and unprotected masonry (U units). The majority of clay bricks produced in the UK are U units. One particular variety widely available in the UK (in two classes) is the clay engineering brick; its characteristics are defined in terms of compressive strength, water absorption and net dry density that are tabulated later in the accompanying National Annex to this standard.

The UK National Annex NA attached to this standard provides an informative commentary on the differences between EN 771-1, BS 3921 and BS 6649.

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 basic requirements for construction works given in 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.

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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 1:2015. National Foreword and National Annex NA also updated