

BS EN 772-16:2011



BSI Standards Publication

Methods of test for masonry units

Part 16: Determination of dimensions

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National foreword

This British Standard is the UK implementation of EN 772-16:2011. It supersedes BS EN 772-16:2000 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee B/519/1, Masonry units.

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

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EUROPEAN STANDARD
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English Version

Methods of test for masonry units - Part 16: Determination of dimensions

Méthodes d'essai des éléments de maçonnerie - Partie 16:
Détermination des dimensions

Prüfverfahren für Mauersteine - Teil 16: Bestimmung der
Maße

This European Standard was approved by CEN on 25 December 2010.

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Foreword

This document (EN 772-16:2011) has been prepared by Technical Committee CEN/TC 125 “Masonry”, the secretariat of which is held by BSI.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by November 2011, and conflicting national standards shall be withdrawn at the latest by November 2011.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 772-16:2000.

Annex B provides details of significant technical changes between this European Standard and the previous edition.

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1 Scope

This European Standard specifies a method of determining the overall dimensions, thickness and combined thickness of shells and webs, depth of voids and plane parallelism of the bed faces of masonry units.

2 Normative references

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

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

EN 771-2, *Specification for masonry units — Part 2: Calcium silicate masonry units*

EN 771-3, *Specification for masonry units — Part 3: Aggregate concrete masonry units (Dense and light-weight aggregates)*

EN 771-4, *Specification for masonry units — Part 4: Autoclaved aerated concrete masonry units*

EN 771-5, *Specification for masonry units — Part 5: Manufactured stone masonry units*

EN 771-6, *Specification for masonry units — Part 6: Natural stone masonry units*

3 Principle

After preparation, the length, width and height of the specimens, the thickness of shells and webs, depth of holes and plane parallelism of bed faces are measured with an appropriate device.

4 Symbols

l_u is the length of the masonry unit defined by its intended orientation in use, (mm);

w_u is the width of the masonry unit defined by its intended orientation in use, (mm);

h_u is the height of the masonry unit defined by its intended orientation in use, (mm).

5 Apparatus

An appropriate **measuring device or devices** conforming to the requirements for measuring precision given in Table 1.