

Methods of test for ancillary components for masonry - Part 9: Determination of flexural resistance and shear resistance of lintels

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 846-9:2000 sisaldab Euroopa standardi EN 846-9:2000 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 08.08.2000 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 846-9:2000 consists of the English text of the European standard EN 846-9:2000.</p> <p>This document is endorsed on 08.08.2000 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala:</p> <p>This Standard specifies methods for determining the flexural and shear load resistances and stiffness of single span, single or composite lintels used for supporting uniformly distributed loads over openings in masonry construction</p>	<p>Scope:</p> <p>This Standard specifies methods for determining the flexural and shear load resistances and stiffness of single span, single or composite lintels used for supporting uniformly distributed loads over openings in masonry construction</p>
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ICS 91.060.10, 91.080.30

Võtmesõnad:

English version

Methods of test for ancillary components for masonry

**Part 9: Determination of flexural resistance and shear resistance of
lintels**

Méthodes d'essai des composants
accessoires de maçonnerie – Partie 9:
Détermination de la résistance à la
flexion et de la résistance au
cisaillement des linteaux

Prüfverfahren für Ergänzungsbauteile
für Mauerwerk – Teil 9: Bestimmung
der Biege- und Schubwiderstands-
fähigkeit von Stürzen

This European Standard was approved by CEN on 1999-12-04.

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Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

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CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart 36, B-1050 Brussels

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Foreword

This European Standard has been prepared by Technical Committee CEN/TC 125 "Masonry", the secretariat of which is held by BSL.

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 August 2000, and conflicting national standards shall be withdrawn at the latest by September 2000.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

This European standard has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association and supports the essential requirements of the EU Construction Products Directive (89/106/EEC) and includes the performance requirements referred to in the Eurocode for masonry Structures.

1 Scope

This European Standard specifies methods for determining the flexural and shear resistances and load deflection characteristics of single span, single or composite lintels used for supporting uniformly distributed loads over openings in masonry construction.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

prEN 772-1	Methods of test for masonry units - Part 1 : Determination of compressive strength
prEN 998-2	Specification for mortar for masonry - Part 2 : Masonry mortar
prEN 1015-11	Methods of test for mortar for masonry - Part 11 : Determination of flexural and compressive strength of hardened mortar
prEN 845-2	Specification for ancillary components for masonry - Part 2 : Lintels

3 Principle

Specimen lintels are simply supported and subjected to vertically applied loads in order to determine flexural strength, shear resistance and deflection.

4 Symbols

L_e	is the effective length (or span), (mm)
W	is the applied load, (N)
t	is the thickness of supported wall, (mm)
B	is the length of bearing, (mm)
D_c	is the total height of a composite lintel over both tension and compression elements, (mm)

5 Materials

5.1 Structural shell casing units

Structural shell casing units shall be in accordance with **prEN 845-2**.