

Methods of test for ancillary components for masonry - Part 10: Determination of load capacity and load deflection characteristics of brackets

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 846-10:2000 sisaldab Euroopa standardi EN 846-10:2000 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 846-10:2000 consists of the English text of the European standard EN 846-10:2000.</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 a method for determining the load capacity and load deflection characteristics of brackets, used for the support of masonry, fixed to a backing wall or frame structure.</p>	<p>Scope:</p> <p>This Standard specifies a method for determining the load capacity and load deflection characteristics of brackets, used for the support of masonry, fixed to a backing wall or frame structure.</p>
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ICS 91.060, 91.080.30

Võtmesõnad:

English version

Methods of test for ancillary components for masonry

**Part 10: Determination of load capacity and load deflection
characteristics of brackets**

Méthodes d'essai des composants
accessoires de maçonnerie – Partie
10: Détermination de la résistance et
de la rigidité des consoles

Prüfverfahren für Ergänzungsbauteile
für Mauerwerk – Teil 10: Bestimmung
der Tragfähigkeit und der Last-
Verformungseigenschaften von
Konsolen

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

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CEN

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

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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 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 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 a method for determining the load capacity and load deflection characteristics of brackets, used for the support of masonry, fixed to a backing wall or frame structure.

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
EN 772-10	Methods of test for masonry units	- Part 10 : Determination of moisture content of calcium silicate, and autoclaved aerated concrete masonry units
prEN 845-1	Specification for ancillary components for masonry	- Part 1 : Ties, straps, hangers, brackets and support angles

3 Principle

Specimen brackets are attached to a suitable backing material and subjected to vertically applied loads. Provision is made to determine strength, deflection and recovery.

4 Materials

4.1 Masonry backing walls

Masonry used to construct backing walls shall be as specified.

4.2 Concrete backing walls

Concrete used to construct backing walls may be cast in-situ or precast elements as specified.

4.3 Steel frame or stud elements

Representative sections of metal frame or stud elements shall be used as specified.

4.4 Screws, nails, grouts, plugs, slot sections or other fixing ancillary items

Fixing materials shall be normal production items, in a clean dry uncontaminated state, supplied by the manufacturer or supplier for use with the product.