

**Methods of test for ancillary
components for masonry - Part 8:
Determination of load capacity and
load-deflection characteristics of joist
hangers**

Methods of test for ancillary components for
masonry - Part 8: Determination of load capacity and
load-deflection characteristics of joist hangers

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 846-8:2000 sisaldab Euroopa standardi EN 846-8:2000 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 846-8:2000 consists of the English text of the European standard EN 846-8:2000.</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>
--	---

<p>Käsitlusala: This Standard specifies a method for determining the strength and stiffness of joist hangers fixed to a masonry wall.</p>	<p>Scope: This Standard specifies a method for determining the strength and stiffness of joist hangers fixed to a masonry wall.</p>
--	--

ICS 91.060.10, 91.080.30

Võtmesõnad:

English version

Methods of test for ancillary components for masonry

**Part 8: Determination of load capacity and load-deflection
characteristics of joist hangers**

Méthodes d'essai des composants
accessoires de maçonnerie – Partie 8:
Détermination de la résistance et de
la rigidité des étriers supports de
poutrelles ou de solives

Prüfverfahren für Ergänzungsbauteile
für Mauerwerk – Teil 8: Bestimmung
der Tragfähigkeit und der Last-
Verformungseigenschaften von
Balkenauflagern

This European Standard was approved by CEN on 1999-12-24.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

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.

The European Standards exist in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, the Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the United Kingdom.

CEN

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

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

Contents

	Page
Foreword	2
1 Scope	3
2 Normative references	3
3 Principle	3
4 Materials	4
5 Apparatus	5
6 Test specimens	6
7 Procedure	8
8 Expression of results	8
9 Evaluation of results	8
10 Test report	9

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.

1 Scope

This European Standard specifies a method for determining the strength and load deflection characteristics of joist hangers fixed to a masonry wall and supporting a timber joist.

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.

EN 338	Structural timber - Strength classes
prEN 771-1	Specification for masonry units - Part 1 : Clay masonry units
prEN 771-2	Specification for masonry units - Part 2 : Calcium silicate masonry units
prEN 771-3	Specification for masonry units - Part 3: Aggregate concrete masonry units (dense and lightweight aggregates)
prEN 771-4	Specification for masonry units - Part 4 : Autoclaved aerated concrete masonry units
prEN 771-5	Specification for masonry units - Part 5 : Manufactured stone masonry units
prEN 771-6	Specification for masonry units - Part 6 : Natural stone masonry units
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 units
prEN 845-1	Specification for ancillary components for masonry - Part 1 : Ties, straps, hangers, brackets and support angles
prEN 998-2	Specification for mortar for masonry - Part 2 : Masonry mortar
EN 1015-3	Methods of test for mortar for masonry - Part 3 : Determination of the consistence of fresh mortar by flow table
EN 1015-7	Methods of test for mortar for masonry - Part 7 : Determination of air content of fresh mortar.
prEN 1015-11	Methods of test for mortar for masonry - Part 11 : Determination of flexural and compressive strength of hardened mortar

3 Principle

Joist hangers are fixed to a wall and loaded through joists in a manner representative of their intended use.