EESTI STANDARD EVS-EN 846-3:2000

Methods of test for ancillary components for masonry - Part 3: Determination of shear load capacity of welds in prefabricated bed joint reinforcement

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EESTI STANDARDIKESKUS

EESTI STANDARDI EESSÕNA **NATIONAL FOREWORD**

Käesolev Eesti standard EVS-EN 846-3:2000 sisaldab Euroopa standardi EN 846-3:2000 ingliskeelset teksti. Käesolev dokument on jõustatud 08.08.2000 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes. Standard on kättesaadav Eesti standardiorganisatsioonist.	This Estonian standard EVS-EN 846-3:2000 consists of the English text of the European standard EN 846-3:2000. This document is endorsed on 08.08.2000 with the notification being published in the official publication of the Estonian national standardisation organisation. The standard is available from Estonian standardisation organisation.

Käsitlusala: This Standard specifies a method for determining the shear strength of the welds in bed joint reinforcement	**Scope:** This Standard specifies a method for determining the shear strength of the welds in bed joint reinforcement

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Võtmesõnad:

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English version

Methods of test for ancillary components for masonry

Part 2: Determination of shear load capacity of welds in prefabricated bed joint reinforcement

Méthodes d'essai des composants accessoires de maçonnerie – Partie 3: Détermination de la résistance au cisaillement des soudures dans l'armature du joint d'assise

Prüfverfahren für Ergänzungsbauteile für Mauerwerk – Teil 3: Bestimmung der Schubtragfähigkeit der Schweißstellen in vorgefertigter Lagerfugenbewehrung

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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

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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 shear strength of the welds in prefabricated bed joint reinforcement.

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 845-3 Specification for ancillary components for masonry - Part 1 : Bed joint reinforcement.

3 Principle

Samples of the welds in truss type prefabricated bed joint reinforcement are straightened (see **figure 2**) and tested in a normal tensile test machine. Samples of the welds in ladder type reinforcement are held in a special clamp at one end and then tested in a normal tensile test machine.

4 Apparatus

4.1 A **clamp** for ladder type welds that holds the specimen such that the cross wire is totally supported and prevented from turning or bending.

NOTE: A typical form of such a clamp is shown in **figure 1.**

4.2 A **test system** with a suitable load capacity. The load shall be measured using a device having a maximum error of 2 % of the full scale reading. The read-out shall be such that the maximum load reading or the reading at a specimen displacement of 0,1 mm whichever is the lesser, occurs above 20 % of the full scale reading.