Precast concrete products - Floor slats for livestock

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 12737:2004 sisaldab Euroopa standardi EN 12737:2004 ingliskeelset teksti.

Käesolev dokument on jõustatud 23.11.2004 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.

Standard on kättesaadav Eesti standardiorganisatsioonist.

This Estonian standard EVS-EN 12737:2004 consists of the English text of the European standard EN 12737:2004.

This document is endorsed on 23.11.2004 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 European Standard specifies the requirements for reinforced and prestressed precast concrete floor slats used in slatted floors for the housing of livestock and provides for the evaluation of conformity of these products. This standard does not cover slats for loadings other than stock and stockmen.

Scope:

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ICS 65.040.10, 91.100.30

Võtmesõnad:

EUROPEAN STANDARD NORME EUROPÉENNE

EN 12737

EUROPÄISCHE NORM

September 2004

ICS 65.040.10; 91.100.30

English version

Precast concrete products - Floor slats for livestock

Produits préfabriqués en béton - Caillebotis pour bétail

Betonfertigteile - Spaltenböden für die Tierhaltung

This European Standard was approved by CEN on 24 June 2004.

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.

This European Standard exists 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, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION COMITÉ EUROPÉEN DE NORMALISATION EUROPÄISCHES KOMITEE FÜR NORMUNG

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Foreword

This document (EN 12737:2004) has been prepared by Technical Committee CEN/TC 229 "Precast concrete products", the secretariat of which is held by AFNOR.

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 March 2005, and conflicting national standards shall be withdrawn at the latest by March 2005.

No existing European Standard is superseded by this standard.

This standard is consistent with the Council Directive 2001/88/EC of 23 October 2001 amending Directive 91/630/EEC laying down minimum standards for the protection of pigs.

This document includes a Bibliography.

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

1 Scope

This document specifies the requirements for reinforced and prestressed precast concrete floor slats used in slatted floors for the housing of livestock and provides for the evaluation of conformity of these products. This document does not cover slats for loadings other than stock and stockmen.

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 13369:2004, Common rules for precast concrete products.

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 13369:2004 and the following apply.

3.1

floor slat

floor component suitable for use by livestock situated above a slurry pit or channel and provided with openings for the draining of slurry, feed and straw waste to the slurry pit or channel underneath (see Figure 1)

3.2

slat beam

single beam used as a floor slat

3.3

twin slat

assembly of two parallel spaced beams, mutually linked by means of two or more transversal connections, perpendicular to the longitudinal direction of those beams used as a floor slat

3.4

multiple slat

assembly of two or more parallel spaced beams, mutually linked by means of two or more transversal connections, perpendicular to the longitudinal direction of those beams, and/or with a perforated slab in between used as a floor slat

3.5

perforated panel

panel with a regular pattern of holes used as a floor slat

3.6

load class

class of floor slats according to the type of stock and mass of animal (see Table 3)