

**Precast concrete products - Floor slats  
for livestock KONSOLIDEERITUD  
TEKST**

Precast concrete products - Floor slats for livestock  
CONSOLIDATED TEXT

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 12737:2004+A1:2007 sisaldab Euroopa standardi EN 12737:2004+A1:2007 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 22.11.2007 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 12737:2004+A1:2007 consists of the English text of the European standard EN 12737:2004+A1:2007.</p> <p>This document is endorsed on 22.11.2007 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><b>Käsitlusala:</b></p> <p>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.</p>	<p><b>Scope:</b></p> <p>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.</p>
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ICS 65.040.10, 91.100.30

Võtmesõnad:

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 and includes Amendment 1 approved by CEN on 30 August 2007.

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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 CEN Management Centre has the same status as the official versions.

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

Management Centre: rue de Stassart, 36 B-1050 Brussels

## Contents

**A1** The numbering of clauses is strictly related to EN 13369:2004, Common rules for precast concrete products, at least for the first three digits. When a clause of EN 13369:2004 is not relevant or included in a more general reference of this standard, its number is omitted and this may result in a gap on numbering. **A1**

	page
Foreword.....	3
1 Scope .....	4
2 Normative references .....	4
3 Terms and definitions .....	4
4 Requirements .....	6
4.1 Material requirements .....	6
4.2 Production requirements .....	6
4.3 Finished product requirements.....	7
5 Test methods.....	14
5.1 Compressive strength .....	14
5.2 Geometrical characteristics.....	14
5.3 Cement content.....	14
5.4 Water/cement ratio.....	14
5.5 Water absorption .....	14
6 Evaluation of conformity.....	14
7 Marking .....	14
8 Documentation.....	14
Annex A (normative) Additional scheme for finished product inspection .....	15
Annex B (normative) Acceptance testing of a consignment at delivery.....	16
B.1 General.....	16
B.2 Non-certified products .....	17
B.3 Certified products .....	17
Annex Y (informative) <b>A1</b> Choice of CE marking method.....	18
Y.1 General.....	18
Y.2 Method 1 .....	18
Y.3 Method 2 .....	18
Y.4 Method 3 .....	18
Annex ZA (informative) <b>A1</b> Relationship between this European Standard and the Essential Requirements of EU Directive 89/109/EEC, EU Construction Products Directive .....	19
ZA.1 Scope and relevant characteristics .....	19
ZA.2 Procedure for attestation of conformity of floor slats .....	21
ZA.2.1 System of attestation of conformity .....	21
ZA.2.2 EC Certificate and Declaration of conformity.....	22
ZA.3 CE marking and labelling.....	23
ZA.3.1 General.....	23
ZA.3.2 Declaration of geometrical data and material properties .....	25
ZA.3.3 Declaration of product properties.....	26
ZA.3.4 Declaration of compliance with a given design specification .....	30
Bibliography .....	32

## Foreword

This document (EN 12737:2004+A1:2007) has been prepared by Technical Committee CEN/TC 229 "Precast concrete products", the secretariat of which is held by AFNOR and was examined by and agreed with a joint working party appointed by the Liaison Group CEN/TC 229-TC250, particularly for its compatibility with structural Eurocodes.

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 April 2008, and conflicting national standards shall be withdrawn at the latest by July 2009.

This document supersedes EN 12737:2004.

This document includes Amendment 1, approved by CEN on 2007-08-30.

The start and finish of text introduced or altered by amendment is indicated in the text by tags A1 A1.

A1 *deleted text* A1

A1 This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of the Construction Products Directive (89/106/EEC).

For relationship with EU Directive(s), see informative Annex ZA, which is an integral part of this document. A1

This document 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.

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