

საქართველოს სტანდარტი

სხმული ბეტონის პროდუქტები-კოჭის და აგურის იატაკი-ნაწილი 2: ბეტონის
აგურები

საინფორმაციო ნაწილი. სრული ტექსტის სანახავად შეიძინეთ სტანდარტი.

თბილისი

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5 რეგისტრირებულია საქართველოს სტანდარტების და მეტროლოგიის ეროვნული სააგენტოს რეესტრში: 2018 წლის 17 აგვისტო №268-1.3-013959

აკრძალულია ამ სტანდარტის გადაცემა მესამე პირებისათვის ან/და მისი სხვა ფორმით გავრცელება

English Version

Precast concrete products - Beam-and-block floor systems -
Part 2: Concrete blocks

Produits préfabriqués en béton - Systèmes de planchers à
poutrelles et entrevous - Partie 2: Entrevous en béton

Betonfertigteile - Balkendecken mit Zwischenbauteilen -
Teil 2: Zwischenbauteile aus Beton

This European Standard was approved by CEN on 25 January 2009 and includes Amendment 1 approved by CEN on 10 January 2011.

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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-CENELEC Management Centre has the same status as the official versions.

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საინფორმაციო ნაწილი. სრული ტექსტის სახანავედ შეიძინეთ სტანდარტი.

Contents

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.

| | Page |
|---|-----------|
| Foreword..... | 4 |
| Introduction | 6 |
| 1 Scope | 7 |
| 2 Normative references | 7 |
| 3 Terms and definitions | 7 |
| 4 Requirements | 10 |
| 4.1 Material requirements | 10 |
| 4.2 Production requirements | 11 |
| 4.3 Finished product requirements..... | 11 |
| 4.3.1 Geometrical properties | 11 |
| 4.3.2 Surface characteristics | 13 |
| 4.3.3 Mechanical resistance..... | 13 |
| 4.3.4 Resistance and reaction to fire | 14 |
| 4.3.5 Acoustic properties | 15 |
| 4.3.6 Thermal properties | 15 |
| 4.3.7 Durability | 15 |
| 4.3.8 Other requirements..... | 15 |
| 5 Test methods..... | 15 |
| 5.1 Measuring of dimensions and surface characteristics | 15 |
| 5.1.1 Block dimensions | 15 |
| 5.1.2 Surface characteristics | 17 |
| 5.2 Mechanical strength | 18 |
| 5.2.1 Resistance to concentrated loads | 18 |
| 5.2.2 Bending strength | 20 |
| 5.2.3 Longitudinal compression test for resisting and semi-resisting concrete blocks..... | 21 |
| 5.2.4 Transverse testing of resisting and semi-resisting concrete blocks..... | 23 |
| 5.3 Gross dry density of block | 24 |
| 5.4 Drying shrinkage of lightweight concrete..... | 24 |
| 6 Evaluation of conformity..... | 24 |
| 6.1 General..... | 24 |
| 6.2 Type testing..... | 24 |
| 6.3 Factory production control..... | 24 |
| 7 Marking | 25 |
| 8 Technical documentation | 25 |
| Annex A (normative) Sampling for initial type testing and for independent testing of consignments..... | 26 |
| A.1 General..... | 26 |
| A.2 Sampling procedure | 26 |
| A.2.1 Random sampling..... | 26 |
| A.2.2 Representative sampling | 26 |

| | | |
|---|---|-----------|
| A.2.3 | Dividing the sample..... | 27 |
| A.2.4 | Number of blocks required per test..... | 27 |
| Annex B (normative) Inspection schemes for concrete blocks..... | | 28 |
| Annex ZA (informative) Clauses of this European Standard addressing the provisions of the EU | | |
| Construction Products Directive | | 29 |
| ZA.1 | Scope and relevant characteristics | 29 |
| ZA.2 | Procedure for attestation of conformity of concrete blocks for beam-and-block floor systems | 31 |
| ZA.2.1 | System of attestation of conformity | 31 |
| ZA.2.2 | EC Certificate and Declaration of conformity..... | 31 |
| ZA.3 | CE marking and labelling..... | 32 |
| ZA.3.1 | General | 32 |
| ZA.3.2 | Simplified label | 33 |
| ZA.3.3 | Information to be provided with the CE marking | 34 |
| Bibliography..... | | 36 |

Foreword

This document (EN 15037-2:2009+A1:2011) has been prepared by Technical Committee CEN/TC 229 "Precast concrete products", the secretariat of which is held by AFNOR. This document was examined by and agreed with a joint working party appointed by the Liaison Group CEN/TC 229 – CEN/TC 250, 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 August 2011, and conflicting national standards shall be withdrawn at the latest by August 2011.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document includes Amendment 1, approved by CEN on 2011-01-10.

This document supersedes EN 15037-2:2009.

The start and finish of text introduced or altered by amendment is indicated in the text by tags $\boxed{A_1}$ $\triangleleft A_1$.

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 EU Directive(s).

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

The European Standard for beam-and-block floor system is made of 5 parts:

- EN 15037-1, *Precast concrete products — Beam-and-block floor systems — Part 1: Beams;*
- EN 15037-2, *Precast concrete products — Beam-and-block floor systems — Part 2: Concrete blocks;*
- EN 15037-3, *Precast concrete products — Beam-and-block floor systems — Part 3: Clay blocks;*
- $\boxed{A_1}$ EN 15037-4 $\triangleleft A_1$, *Precast concrete products — Beam-and-block floor systems — Part 4: Polystyrene blocks;*
- prEN 15037-5, *Precast concrete products — Beam-and-block floor systems — Part 5: Lightweight blocks.*

This European Standard is one of a series of product standards for precast concrete products.

For common aspects of concrete products, reference is made to EN 13369, from which also the relevant requirements of the EN 206-1 are taken.

The references to EN 13369 by CEN/TC 229 product standards are intended to make them homogeneous and to avoid repetitions of similar requirements.

$\boxed{A_1}$ Eurocodes are taken as a common reference for design aspects. The installation of some structural precast concrete products is dealt with by EN 13670:2009 *Execution of concrete structures*. In all countries it can be accompanied by alternatives for national application. $\triangleleft A_1$

The program of standards for structural precast concrete products comprises the following standards, in some cases consisting on several parts:

საინფორმაციო ნაწილი. სრული ტექსტის სახსრად შეიძლება სტანდარტი.

- EN 1168, *Precast concrete products — Hollow core slabs*
- EN 12794, *Precast concrete products — Foundation piles*
- EN 12843, *Precast concrete products — Masts and poles*
- EN 13224, *Precast concrete products — Ribbed floor elements*
- EN 13225, *Precast concrete products — Linear structural elements*
- EN 13693, *Precast concrete products — Special roof elements*
- EN 13747, *Precast concrete products — Floor plates for floor systems*
- EN 13978, *Precast concrete products — Precast concrete garages*
- EN 14843, *Precast concrete products — Stairs*
- EN 14844, *Precast concrete products — Box culverts*
- EN 14991, *Precast concrete products — Foundation elements*
- EN 14992, *Precast concrete products — Wall elements*
- EN 15037-1, *Precast concrete products — Beam-and-block floor systems — Part 1: Beams*
- EN 15050, *Precast concrete products — Bridge elements*
- EN 15258, *Precast concrete products — Retaining wall elements*

This European Standard defines in Annex ZA the application methods of CE marking to products designed using the relevant EN Eurocodes (EN 1992-1-1:2004 and EN 1992-1-2:2004). Where, in default of applicability conditions of EN Eurocodes to the works of destination, design provisions other than EN Eurocodes are used for mechanical strength and/or fire resistance, the conditions to affix CE marking to the product are described in ZA.3.

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, Croatia, 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 United Kingdom.

Introduction

The evaluation of conformity refers to the completed precast elements which are supplied to the market and covers all the production operations carried out in the factory.

For design rules reference is made to EN 1992-1-1:2004. Additional complementary rules are provided where necessary.

საინფორმაციო ნაწილი. სრული ტექსტის სახსრად შეიძინეთ სტანდარტი.