



SLOVENSKI STANDARD
SIST EN 771-3:2011/kFprA1:2014
01-oktober-2014

Specifikacija za zidake - 3. del: Betonski zidaki (kompaktni in lahki agregati)

Specification for masonry units - Part 3: Aggregate concrete masonry units (Dense and lightweight aggregates)

Festlegungen für Mauersteine - Teil 3: Mauersteine aus Beton (mit dichten und porigen Zuschlägen)

iTeh STANDARD PREVIEW

Spécifications pour éléments de maçonnerie - Partie 3: Éléments de maçonnerie en béton de granulats (granulats courants et légers)

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Ta slovenski standard je istoveten z: EN 771-3:2011/FprA1

ICS:

| | | |
|-----------|---------------------------|--------------------------------|
| 91.100.30 | Beton in betonski izdelki | Concrete and concrete products |
|-----------|---------------------------|--------------------------------|

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| SIST EN 771-3:2011/kFprA1:2014 | en,fr,de |
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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

FINAL DRAFT
EN 771-3:2011

FprA1

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ICS 91.100.30

English Version

Specification for masonry units - Part 3: Aggregate concrete masonry units (Dense and lightweight aggregates)

Spécifications pour éléments de maçonnerie - Partie 3:
Éléments de maçonnerie en béton de granulats (granulats
courants et légers)

Festlegungen für Mauersteine - Teil 3: Mauersteine aus
Beton (mit dichten und porigen Zuschlägen)

This draft amendment is submitted to CEN members for unique acceptance procedure. It has been drawn up by the Technical Committee CEN/TC 125.

This draft amendment A1, if approved, will modify the European Standard EN 771-3:2011. If this draft becomes an amendment, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant national standard without any alteration.

This draft amendment was established by CEN 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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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

Warning : This document is not a European Standard. It is distributed for review and comments. It is subject to change without notice and shall not be referred to as a European Standard.



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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

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Foreword

This document (EN 771-3:2011/FprA1:2014) has been prepared by Technical Committee CEN/TC 125 "Masonry", the secretariat of which is held by BSI.

This document is currently submitted to the Unique Acceptance Procedure.

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.

NOTE Due to fact that the Framework Partnership Agreement between the Commission and CEN & CENELEC is not signed yet, there are currently no New Approach Consultants in place for 2014. Therefore the provisions of CEN-CENELEC Guide 15 cannot be met.

This shall not prevent the processing of draft standards nor the offering of harmonized standards to the Commission. In particular, draft standards can be sent to vote without Consultant assessment.

This note will be removed from the Foreword of the finalized publication.

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EN 771-3:2011/FprA1:2014 (E)**1 Modification to the Foreword**

Replace the 5th and the 6th paragraphs with the following:

“This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports basic requirements for construction works of the EU Construction Products Regulation (Regulation (EU) No 305/2011).

For relationship with EU Regulation/Directives, see informative Annex ZA, which is an integral part of this document.”.

2 Modification to the Scope

Replace the 3rd paragraph with the following:

“It defines the performance related to e.g. strength, density, dimensional accuracy, and provides for the assessment and verification of constancy of performance (AVCP) of the product to this European Standard. The marking requirement for products covered by this European Standard is included.”.

3 Modification to 5.1, General

In the 3rd paragraph, replace “relates to initial type testing” by “relate to product type determination”.

4 Addition of a new subclause 5.14

Add a new clause:

SIST EN 771-3:2011/kFprA1:2014
<https://standards.iteh.ai/catalog/standards/sist/0ebfa566-e034-48a1-807f-82d7b0ee87e8/sist-en-771-3-2011-kfpra1-2014>

“5.14 Dangerous substances

National regulations on dangerous substances may require verification and declaration on release, and sometimes content, when construction products covered by this standard are placed on those markets.

In the absence of European harmonized test methods, verification and declaration of release/content should be done taking into account national provisions in the place of use.

NOTE An informative database covering European and national provisions on dangerous substances is available at the Construction web site on EUROPA accessed through: <http://ec.europa.eu/enterprise/construction/cpd-ds/>.”.

5 Modification to 6.1, Description and designation of units

Replace the NOTE with the following:

“NOTE Refer to ZA.3 for CE marking.

6 Modification to Clause 8, Evaluation of conformity

Replace the title with the following:

“Assessment and verification of constancy of performance (AVCP)”.

7 Modification to 8.1, General

In the 1st paragraph, replace the word “values” with “performance”.

In the list, replace “Initial type testing of the product” with “product type determination”.

In the 2nd paragraph, replace “initial type tests” with “product type determination tests”.

8 Modification to 8.2, Initial type testing

Replace the title with the following:

“Product type determination”.

Replace the 1st and 2nd paragraphs with:

“After completion of the development of a new product type and before placing on the market, appropriate product type determination shall be carried out to confirm that the properties predicted from the development meet the requirements of this standard and the performance of the characteristics to be declared for the product.

Whenever a major change in the source, blend, or nature of raw materials occurs, or when there is a change in processing conditions, leading to what the manufacturer considers will constitute a new product type being produced, the appropriate product type determination shall be repeated.”

Replace the 4th and 5th paragraphs with:

“In the product type determination process a manufacturer may take in consideration already existing results.

A manufacturer may use the product type determination results determined by someone else (e.g. another manufacturer or a research, technology & development service provider) to justify his own declaration of performance regarding a product that is manufactured according to the same design and with raw materials, constituents and manufacturing methods of the same kind, provided that permission is given by the owner of the results, and the results are valid for both products.”

Delete the NOTE.

Replace the 7th and 8th paragraphs with:

“Sampling for product type determination shall be in accordance with Annex A.

The results of the product type determination shall be recorded.”

Add the following NOTE after the last paragraph:

“NOTE For the performance characteristics to be determined in order to address the Declaration of Performance and CE marking provisions, see Table ZA.1.”

9 Modification to 8.3.1, General

In the 1st paragraph, replace “values” with “performance of the characteristics”.

EN 771-3:2011/FprA1:2014 (E)**10 Modification to 8.3.10, Nonconforming products**

Replace the 1st paragraph with the following:

“The procedure for dealing with nonconforming products shall be documented. Products that do not conform with the requirements or the performance of the product type shall be segregated and marked accordingly. However, these products may be reassessed by the manufacturer and assigned to a different product type.”.

11 Modification to Annex A

Replace the title with the following:

“Sampling for determination of product type and for independent testing of consignments”.

12 Modification to A.1

Replace A.1 with the following:

"A.1 General

This sampling procedure shall apply for product type determination and in the event that there is a requirement for an assessment of product compliance by independent testing.

Only those characteristics declared by the manufacturer shall be assessed by this procedure.

The number of units required to determine compliance with the specification shall be sampled from a consignment of up to 200 m³ or part thereof (see Table A.1)."

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13 Modification to A.2.5

Replace the penultimate row in Table A.1 with:

“

| | | | | | |
|---------------------|------|-------------|-----------------|------------------|--|
| Shear bond strength | 5.12 | EN 1052-3 | Type I specimen | Type II specimen | |
| | | Procedure A | 27 | 18 | |
| | | Procedure B | 18 | 12 | |

”.

14 Modification to Annex B

Replace the title with the following:

“Compliance criteria for product type determination and for independent testing of consignments”.

15 Modification to Annex ZA

Replace Annex ZA with the following new annex:

“

Annex ZA (informative)

Clauses of this European Standard addressing the provisions of the EU Construction Products Regulation

ZA.1 Scope and relevant characteristics

This European Standard has been prepared under a Mandate M/116 (as amended) “Masonry and related products” given to CEN by the European Commission and the European Free Trade Association.

If this European Standard is cited in the Official Journal of the European Union (OJEU), the clauses of this standard, shown in this annex, are considered to meet the provisions of the relevant mandate under the Regulation (EU) No. 305/2011.

This annex deals with the CE marking of the aggregate concrete masonry units intended for the uses indicated in Table ZA.1 and shows the relevant clauses applicable.

This annex has the same scope as in clause 1 of this standard related to the aspects covered by the mandate and is defined by Table ZA.1.

Table ZA.1 — Relevant clauses for aggregate concrete in masonry walls, columns and partitions

| Product: Aggregate concrete masonry units Intended use: In masonry walls, columns and partitions | | | |
|--|--|----------------------------------|--|
| Essential characteristics | Clauses in this European Standard related to essential characteristics | Regulatory levels and/or classes | Notes |
| Dimensions and dimensional tolerances (for units intended to be used in elements subject to structural requirements) | 5.2.1 Dimensions 5.2.2 Dimensional tolerances | None | Declared values, in mm, and tolerance category |
| Configuration (for units intended to be used in elements subject to structural requirements) | 5.3.1 Configuration | None | Declared configuration as illustrated or described |
| Compressive strength (for units intended to be used in elements subject to structural requirements) | 5.5.1 Compressive strength | None | Declared value in N/mm ² (with indication of characteristic or mean, direction of load and unit category) |
| Dimensional stability (for units intended to be used in elements subject to structural requirements) | 5.9 Moisture movement | None | Declared value of moisture movement in mm/m |