

საქართველოს სტანდარტი

ბუნებრივი ქვის ბორდიულები გარე საფარისათვის-მოთხოვნები და
გამოცდის მეთოდები

საინფორმაციო ნაწილი. სრული ტექსტის სანახავად შეიძინეთ სტანდარტი.

საქართველოს სტანდარტებისა და მეტროლოგიის
ეროვნული სააგენტო
თბილისი

საინფორმაციო მონაცემები

1 შემუშავებულია საქართველოს სტანდარტების და მეტროლოგიის ეროვნული სააგენტოს სტანდარტების დეპარტამენტის მიერ

2 დამტკიცებულია და შემოღებულია სამოქმედოდ საქართველოს სტანდარტების და მეტროლოგიის ეროვნული სააგენტოს 2018 წლის 17 აგვისტოს № 85 განკარგულებით

3 მიღებულია გარეკანის თარგმნის მეთოდით სტანდარტიზაციის ევროპული კომიტეტის სტანდარტი ენ 1343:2012 „ ბუნებრივი ქვის ბორდიულები გარე საფარისათვის-მოთხოვნები და გამოცდის მეთოდები“

4 პირველად

5 რეგისტრირებულია საქართველოს სტანდარტების და მეტროლოგიის ეროვნული სააგენტოს რეესტრში: 2018 წლის 17 აგვისტო №268-1.3-013915

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

English Version

Kerbs of natural stone for external paving - Requirements and test methods

Bordures de pierre naturelle pour le pavage extérieur -
Exigences et méthodes d'essai

Bordsteine aus Naturstein für Außenbereiche -
Anforderungen und Prüfverfahren

This European Standard was approved by CEN on 6 October 2012.

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

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



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

Management Centre: Avenue Marnix 17, B-1000 Brussels

Contents

Page

Foreword.....	4
1 Scope	5
2 Normative references	5
3 Terms and definitions	5
4 Requirements and test methods for slabs of natural stone.....	9
4.1 Introduction	9
4.1.1 General.....	9
4.1.2 Denomination	9
4.1.3 Alteration of physical properties of the natural stone	9
4.2 Dimensions.....	9
4.2.1 Overall width and height	9
4.2.2 Batter.....	11
4.2.3 Tolerances of faces (straight kerbs only)	11
4.2.4 Curved kerbs	11
4.2.5 Face irregularities	11
4.3 Freeze/thaw resistance	12
4.3.1 Freeze- thaw under normal conditions.....	12
4.3.2 Freeze-thaw in the presence of de-icing salts	12
4.4 Breaking strength — Flexural strength	12
4.5 Appearance	12
4.5.1 General.....	12
4.5.2 Reference sample, visual inspection and acceptance criteria	12
4.6 Water absorption	13
4.7 Apparent density and open porosity	13
4.8 Petrographic description	13
4.9 Dangerous substances	13
5 Evaluation of conformity.....	14
5.1 General.....	14
5.2 Initial type testing (ITT) and Type Testing (TT).....	14
5.3 Factory Production Control	15
6 Marking, labelling and packaging	18
Annex A (informative) Calculation of height for kerbs for kerbs with a square cross section	19
Annex B (informative) Guidance on sampling	20
B.1 General.....	20
B.2 Principles of sampling	20
B.3 Taking bulk samples	20
B.4 Preparing a sampling plan	20
B.5 Sampling apparatus	21
B.6 Sampling methods.....	21
B.6.1 General.....	21
B.6.2 Sampling from quarries	21
B.6.3 Sampling from production units and consignments	22
B.6.4 Sampling from construction works	22
B.7 Marking, packaging and dispatch of the samples.....	22
B.8 Sampling report	22
Annex C (informative) Example of calculation of Lower Expected Value	24
C.1 Scope	24

C.2	Symbols and definitions	24
C.3	Calculation of Lower Expected Value	24
Annex ZA	(informative) Clauses of this European Standard addressing the provisions of the EU Construction Products Directives	27
ZA.1	Scope and relevant characteristics	27
ZA.2	Procedure for the attestation of conformity of kerbs of natural stone	28
ZA.2.1	System of attestation of conformity	28
ZA.2.2	EC declaration of conformity	29
ZA.3	CE marking and labelling	29
Bibliography		31

Foreword

This document (EN 1343:2012) has been prepared by Technical Committee CEN/TC 178 "Paving units and kerbs", 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 May 2013, and conflicting national standards shall be withdrawn at the latest by August 2014.

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 supersedes EN 1343:2001.

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 following changes have been made in this new edition:

- a) Where possible the requirements refer to separate test methods prepared by CEN/TC 246, "Natural stones". The change was made to allow those placing the products on the market to use the same test results for a number of products.
- b) The values to be declared have been clarified and where applicable the declared values are now 'lower expected values'.

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