

Betoonist äärekivid. Nõuded ja katsemeetodid

Concrete kerb units - Requirements and test methods

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 1340:2003+AC:2006 sisaldab Euroopa standardi EN 1340:2003+AC:2006 ingliskeelset teksti. Standard on kinnitatud Eesti Standardikeskuse 16.06.2003 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas. Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 02.04.2003. Standard on kättesaadav Eesti standardiorganisatsioonist.	This Estonian standard EVS-EN 1340:2003+AC:2006 consists of the English text of the European standard EN 1340:2003+AC:2006. This standard is ratified with the order of Estonian Centre for Standardisation dated 16.06.2003 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation. Date of Availability of the European standard text 02.04.2003. The standard is available from Estonian standardisation organisation.
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English version

Concrete kerb units - Requirements and test methods

Bordures de trottoir en béton - Prescriptions et méthodes
d'essai

Bordsteine aus Beton - Anforderungen und Prüfverfahren

This European Standard was approved by CEN on 16 October 2003.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
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Foreword

This document (EN 1340:2003) 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of an identical text or by endorsement, at the latest by October 2003, and conflicting national standards shall be withdrawn at the latest by January 2005.

This document has been prepared under Mandates M/119 and M/122 given to CEN by the European Commission and the Free Trade Association and supports the essential requirements of EU Directives.

For the relationship with the Construction Products Directive see informative annex ZA, which is an integral part of this document.

No existing European Standard is superseded.

The annexes B, C, D, E, F, G, H, I and J are normative, the annexes A, K and ZA are informative.

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

1 Scope

This European Standard specifies materials, properties, requirements and test methods for unreinforced, cement bound precast concrete kerb units, channels and complementary fittings, that are for use in trafficked paved areas and roof coverings.

The units are used to fulfil one or more of the following:

Separation, physical or visual delineation, the provision of drainage or the containment of paved areas or other surfacing.

In case of regular use of studded tyres, additional requirements are sometimes needed.

This standard provides for the product marking and the evaluation of conformity of the product to this European standard.

Apart from the tolerances, this standard does not include requirements for cross-sections, shapes and dimensions.

This standard does not deal with the facility or visibility of kerbs.

2 Normative references

This European Standard incorporates by dated and undated references, provisions from other publications. These normative references are cited at the appropriate places in the text, and the publications are listed hereafter. For dated references subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references, the latest edition of the publication referred to applies (including amendments).

EN 10083-2, *Quenched and tempered steels — Part 2: Technical delivery conditions for unalloyed quality steels*.

EN 13369, *Common rules for precast concrete products*.

EN ISO 4288, *Geometric product specification (GPS) - Surface texture - Profile method: Rules and procedures for the assessment of surface texture (ISO 4288:1996)*.

EN ISO 6506-1, *Metallic materials - Brinell hardness test - Part 1: Test method*.

EN ISO 6506-2, *Metallic materials - Brinell hardness test - Part 2: Verification and calibration of testing machines*.

EN ISO 6506-3, *Metallic materials - Brinell hardness test - Part 3: Calibration of reference blocks*.

ISO 48, *Rubber, vulcanised or thermoplastic — Determination of hardness (hardness between 10 IRHD and 100 IRHD)*.

ISO 4662, *Rubber — Determination of rebound resilience of vulcanizates*.

ISO 7619, *Rubber — Determination of indentation hardness by means of pocket hardness meters*.

ISO 7873, *Control charts for arithmetic average with warning limits*.

ISO 7966, *Acceptance control charts*.

ISO 8486-1:1996, *Bond abrasives — Determination and designation of grainsize distribution — Macrogrits F4 to F220*.

3 Terms and definitions

For the purposes of this European Standard, the following terms and definitions apply.

3.1

concrete kerb unit

precast concrete unit, intended to separate surfaces of the same or different levels to provide:

- physical or visual delineation or containment;
- individually or in combination with other kerbs, drainage channels;
- separation between surfaces submitted to different kinds of traffic.

3.2

complementary fitting

unit, sometimes a part of a kerb, channel etc, which is used as a transition piece for changes in direction, shape or height or a small piece to complete a line

3.3

overall length

length of a kerb excluding any interlocking features or spacers

3.4

height

distance between the bed face and the top of the kerb

3.5

bed face

lower surface in contact with the ground after laying

3.6

face

surface intended by the manufacturer to be seen when laid and in use

3.7

facing layer

layer of concrete on the face, or part of a face, of different materials and/or properties to the main body or backing layer

NOTE To be distinguished from wipe, being a fine cement mortar or slurry applied to the surface of the kerb.

3.8

draw

intended angle of the side face from the vertical plane over the full height of a kerb as shown in Figure 1

3.9

chamfer

bevelled arris, as shown in Figure 1