



SLOVENSKI STANDARD
SIST EN 1343:2002

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Nadomešča:
SIST EN 1343:2001

Robniki iz naravnega kamna za zunanje tlakovanje - Zahteve in preskusne metode

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

Bordsteine aus Naturstein für Außenbereiche - Anforderungen und Prüfverfahren

Bordures de pierre naturelle pour le pavage extérieur - Exigences et méthodes d'essai
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Ta slovenski standard je istoveten z: ~~SIST EN 1343~~ EN 1343:2001

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ICS:

91.100.15	Mineralni materiali in izdelki	Mineral materials and products
93.080.20	Materiali za gradnjo cest	Road construction materials

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 1343

December 2001

ICS 93.080.20

Supersedes EN 1343:2000

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 14 October 2001.

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 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 Management Centre has the same status as the official versions.

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CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
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Foreword

This European Standard has been prepared by Technical Committee CEN/TC 178 "*Paving units and kerbs*", the secretariat of which is held by BSI.

This European Standard supersedes EN 1343:2000.

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 June 2002, and conflicting national standards shall be withdrawn at the latest by September 2003.

This European Standard 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 standard.

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, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

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EN 1343:2001**1 Scope**

This European Standard specifies the performance requirements and the corresponding test methods for natural stone kerbs, for external use.

It provides for product marking and for the evaluation of conformity of the product to this European Standard.

This European Standard covers also characteristics that are of importance to the trade.

It does not cover the effect of de-icing salts.

2 Normative references

This European Standard incorporates by dated or undated reference, 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 of the following list. For undated references, the latest edition of the publication referred to applies (including amendments).

EN 12371, *Natural stone test methods — Determination of frost resistance*

EN 12372, *Natural stone test methods — Determination of flexural strength under concentrated load*

EN 12407, *Natural stone test methods — Determination of flexural strength under concentrated load*

EN 13755, *Natural stone test methods — Determination of water absorption at atmospheric pressure*

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3 Terms and definitions

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

3.1**kerb**

unit greater than 300 mm in length, commonly used as edging to a road or footpath (see Figure 1)

3.1.1**concave kerb**

kerb, curved in plan with a concave face

3.1.2**convex kerb**

kerb, curved in plan with a convex face

3.1.3**textured kerb**

kerb with a modified appearance resulting from one or several mechanical or thermal surface treatments

3.2**upper face**

surface of a kerb intended to be seen when in use

3.3**actual dimension**

any dimension of a kerb as measured

3.4**work dimension**

any size of a kerb as specified

3.5**overall length**

the longer side of the rectangle with the smallest length able to enclose a straight kerb. This only applies to straight kerbs. The overall length of a curved kerb is measured on the visible face (see Figure 2)

3.6**overall width**

the shorter side of the rectangle with the smallest area able to enclose the kerb. This only applies to straight kerbs. The overall width of a curved kerb is the widest point of the cross-section of the kerb (see Figure 2)

3.7**height**

distance between the upper face and the bedface of the kerb

3.8**batter**

intended deviation from the vertical of the traffic face of a kerb

3.9**fine textured**

surface treatment with a maximum difference of 0,5 mm between peaks and depressions (for example polished, honed or sawn with a diamond disc or blade)

3.10**honed**

dull polish or matt surface

3.11**coarse textured**

surface treatment with more than 2 mm difference between peaks and depressions (for example dolly pointed, tooled, shot blasted or flame textured)

3.12**dolly pointed**

finish consisting of peaks and depressions, achieved by using a four pointed dolly bit

3.13**tooled**

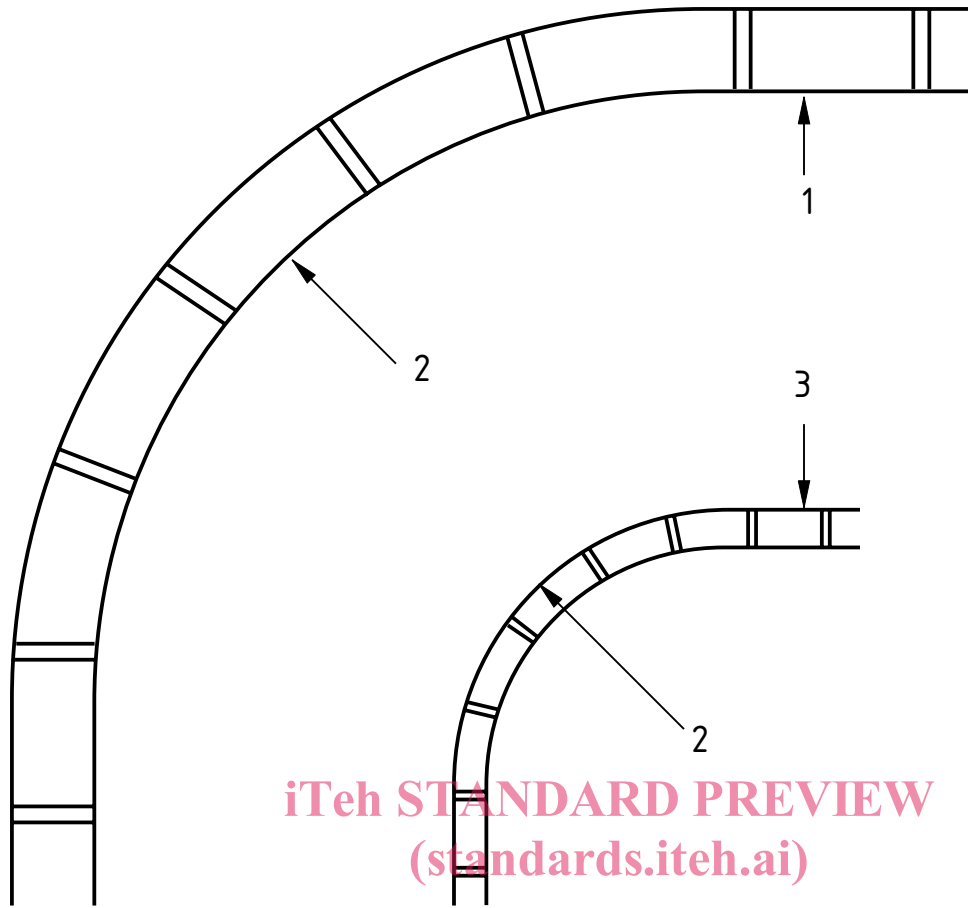
finish resulting from mechanical surface treatment and showing tool marks

3.14**hewn**

unworked, as riven surface

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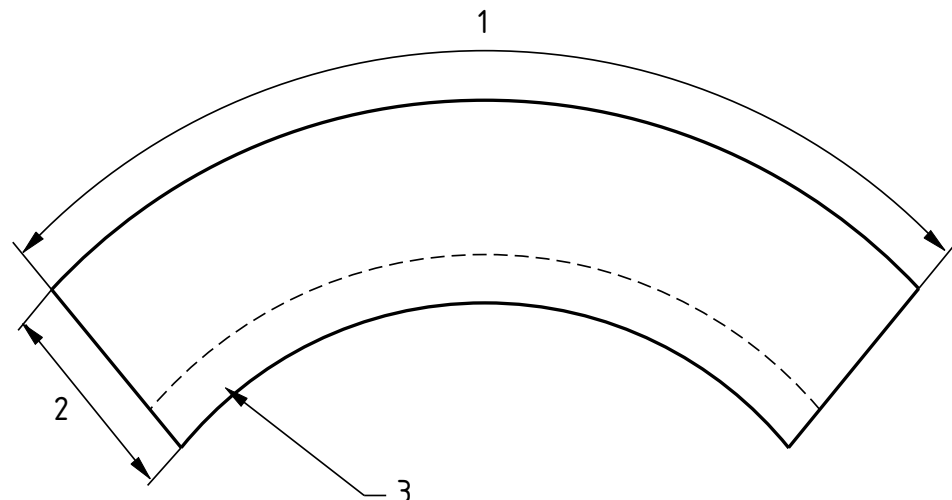


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Key

- 1 Inner radius concave front face
- 2 Radius
- 3 Outer radius convex front face

Figure 1 — Diagram showing convex and concave kerbs



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Key

- 1 Overall length
2 Overall width
3 Battered or chamfered

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Figure 2 — An example of a curved kerb showing the overall length and width

4 Requirements

4.1 General

Unless otherwise stated, kerbs shall be supplied in free running lengths. For curved kerbs the length is the greater diameter. The manufacturer shall state the maximum working length of a kerb unit.

The ends of curved kerbs shall be radial.

Curved kerbs shall be identified by the radius of the vertical face. The overall length of a number of curved kerbs shall be measured without the joints on the edge common to the visible faces.

The minimum length of curved kerbs shall be 500 mm.

Nominally square arrises may have a chamfer with vertical and horizontal dimensions not exceeding 2 mm.

The dimensions of larger chamfers, radiused corners and splays, when used, shall be declared by the supplier. Examples of typical kerb cross-sections are shown in Figure 3.

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4.2 Permissible deviations

4.2.1 Overall width and height

When measured in accordance with A.3.1, the permissible deviations from the overall width and height as laid, declared by the supplier, shall be as given in Table 1.

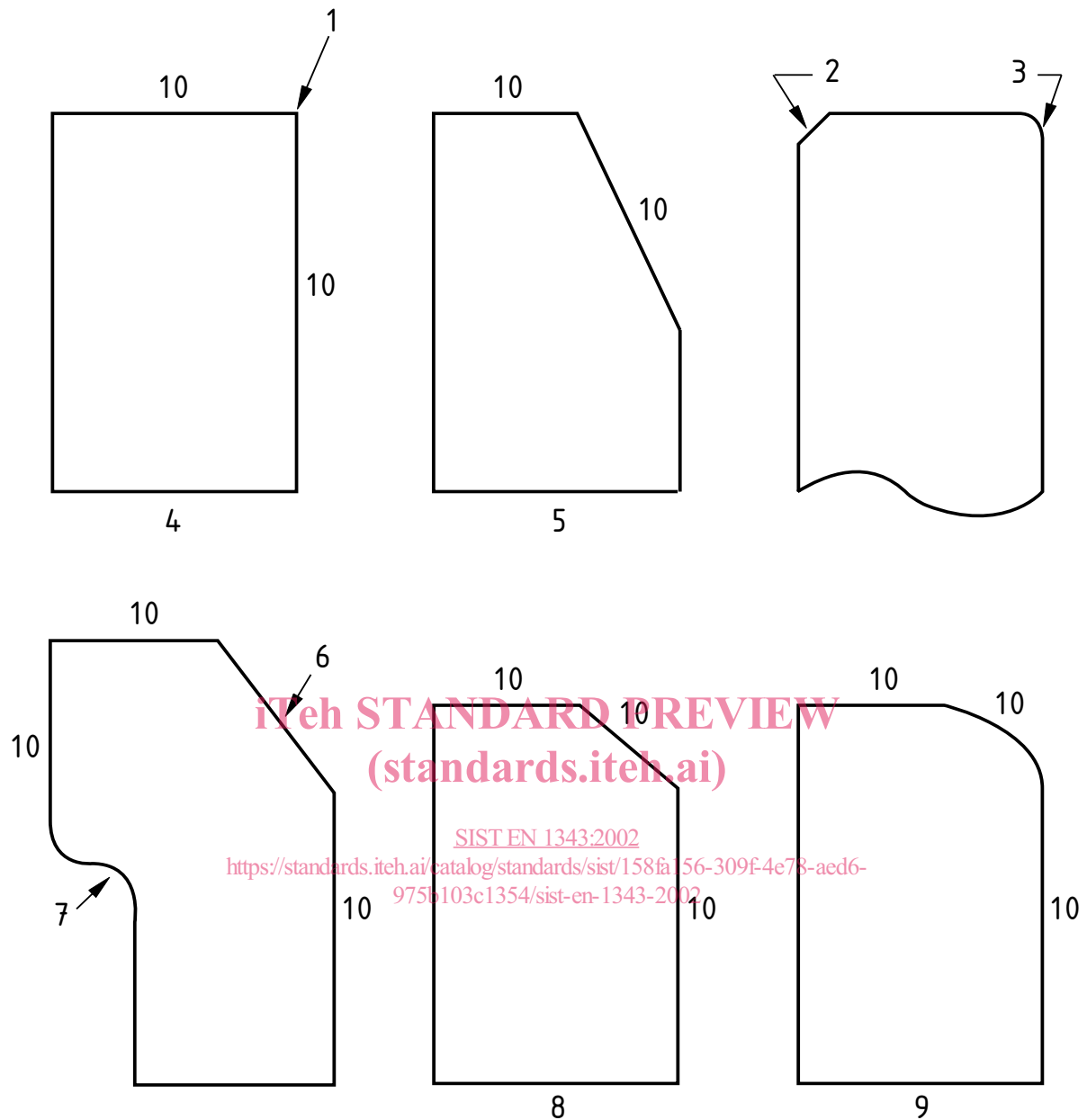
Table 1 — Deviations on nominal overall width and height

Location	Width	Height	
		Class 1	Class 2
Marking designation		H1	H2
Between two hewn faces	± 10 mm	± 30 mm	± 20 mm
Between one textured face and one hewn face	± 5 mm	± 30 mm	± 20 mm
Between two textured faces	± 3 mm	± 10 mm	± 10 mm

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**Key**

- 1 There may be a nominal chamfer or radius on this corner (see 4.1)
- 2 Chamfer
- 3 Radius
- 4 Rectangular
- 5 Battered
- 6 Chamfered or splayed
- 7 Undercut
- 8 Chamfered or splayed
- 9 RADIUS
- 10 Face

Figure 3 — Examples of typical kerb cross-sections