



SLOVENSKI STANDARD

SIST EN 772-20:2000/A1:2005

01-april-2005

Metode preskušanja zidakov - 20. del: Ugotavljanje ravnosti površin zidakov

Methods of test for masonry units - Part 20: Determination of flatness of faces of masonry units

Prüfverfahren für Mauersteine - Teil 20: Bestimmung der Ebenheit von Mauersteinen

Méthodes d'essai des éléments de maçonnerie - Partie 20 : Détermination de la planéité des éléments de maçonnerie

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Ta slovenski standard je istoveten z: **EN 772-20:2000/A1:2005**

ICS:

91.100.15	Mineralni materiali in izdelki	Mineral materials and products
91.100.30	Beton in betonski izdelki	Concrete and concrete products

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en

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 772-20:2000/A1

February 2005

ICS 91.100.30

English version

Methods of test for masonry units - Part 20: Determination of flatness of faces of masonry units

Méthodes d'essai des éléments de maçonnerie - Partie 20 :
Détermination de la planéité des éléments de maçonnerie

Prüfverfahren für Mauersteine - Teil 20: Bestimmung der
Ebenheit von Mauersteinen aus Beton, Betonwerksteinen
und Natursteinen

This amendment A1 modifies the European Standard EN 772-20:2000; it was approved by CEN on 29 December 2004.

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. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

This amendment 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 Central Secretariat has the same status as the official versions.

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

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EUROPEAN COMMITTEE FOR STANDARDIZATION
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EUROPÄISCHES KOMITEE FÜR NORMUNG

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Contents

	Page
Foreword.....	3
1 Modification in Title	4
2 Modification in 1 Scope	4
3 Modification in 2 Normative references	4
4 Modification in 4.1 Sampling	4
5 Modification in 5 Procedure	4
6 Modification in 6.1 Calculation of results	4
7 Modification in 6.2 Expression of results	5
8 Modification in 7 Test report	5

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Foreword

This document (EN 772-20:2000/A1:2005) has been prepared by Technical Committee CEN/TC 125 "*Masonry*", the Secretariat of which is held by BSI.

This Amendment to the European Standard EN 772-20:2000 shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by August 2005, and conflicting national standards shall be withdrawn at the latest by August 2005.

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

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EN 772-20:2000/A1:2005 (E)**1 Modification in Title**

Delete "aggregate concrete, manufactured stone and natural stone"

2 Modification in 1 Scope

Delete " flatness of faces of aggregate concrete, manufactured stone and natural stone masonry units" and substitute "flatness of surfaces of masonry units".

3 Modification in 2 Normative references

List ENs 771-1, 771-2 and 771-4 undated. Delete "pr" at the start of prENs 771-3 and 771-5.

4 Modification in 4.1 Sampling

After ". . . shall be six" insert "except in the case of the determination of flatness of bed face where it shall be three"

5 Modification in 5 Procedure

Convert into three subclauses as follows: standards.iteh.ai

5.1 Unit surface

Ensure that the masonry unit is positioned in a stable manner prior to measurement. For each surface specified as being plane follow the procedures in 5.2 and 5.3. For units specified as being suitable for thin layer masonry carry out the procedure in 5.3 on each bed face.

5.2 Measurement of diagonals

For each surface specified as plane, measure the length of the two diagonals with the graduated straight edge (3.1) to the nearest 0,5 mm.

5.3 Measurement of deviation

Place the straight edge across each diagonal in turn and use the feeler gauge (3.2) to measure the distance from the surface of the masonry unit to the straight edge. Where the surface of the masonry unit is concave, measure the greatest distance from the surface of the straight edge to the nearest 0,05 mm. Where the surface of the masonry unit is convex, place the straight edge on it such that the greatest distances to the surface on either side of the point of contact are approximately equal. Measure them both to the nearest 0,05 mm."

6 Modification in 6.1 Calculation of results

Delete the first sentence and substitute the following as a new paragraph:
"For each surface specified as being plane calculate the mean length of the diagonal."

7 Modification in 6.2 Expression of results

Delete the paragraph and substitute the following:

"6.2.1 Flatness of surfaces specified as being plane

Express the mean length of the diagonal to the nearest millimetre. Express the mean maximum deviation from flatness to the nearest 0,1 mm.

6.2.2 Flatness of bed faces

Express the maximum deviation from flatness to the nearest 0,1 mm. Express the mean maximum deviation from flatness to the nearest 0,1 mm."

8 Modification in 7 Test report

In d) delete "prEN 771-3, prEN 771-5 or prEN 771-6" and substitute "the relevant part of EN 771"

At the start of g) insert "for each surface specified as being plane, . . ."

Replace h) to j) with the following:

"h) for each surface specified as being plane the maximum distance from the surface of the masonry unit to the straight edge for each diagonal and the mean deviation to the nearest 0.1mm;

i) for each bed face of units specified as being suitable for thin layer masonry the maximum distance from the surface of the masonry unit to the straight edge for each diagonal. The flatness of the bed faces is taken as the largest individual maximum distance from the sample of units expressed to the nearest 0.1mm;

j) whether the surface of the masonry unit is concave or convex or any other configuration;

k) remarks, if any."

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