



SLOVENSKI STANDARD
oSIST prEN ISO 6873:2012
01-januar-2012

Zobozdravstvo - Mavčni izdelki (ISO/DIS 6873:2011)

Dentistry - Gypsum products (ISO/DIS 6873:2011)

Zahnheilkunde - Gipse (ISO/DIS 6873:2011)

Médecine bucco-dentaire - Produits à base de gypse (ISO/DIS 6873:2011)

Ta slovenski standard je istoveten z: prEN ISO 6873

<https://standards.iteh.ai/catalog/standards/sist/59b55f7b-d601-4fac-bca8-69a8a43ac841/sist-en-iso-6873-2013>

ICS:

11.060.10 Zobotehnični materiali Dental materials

oSIST prEN ISO 6873:2012

en,fr,de

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

DRAFT
prEN ISO 6873

November 2011

ICS 11.060.10

Will supersede EN ISO 6873:2000

English Version

Dentistry - Gypsum products (ISO/DIS 6873:2011)

Médecine bucco-dentaire - Produits à base de gypse
(ISO/DIS 6873:2011)

Zahnheilkunde - Gipse (ISO/DIS 6873:2011)

This draft European Standard is submitted to CEN members for parallel enquiry. It has been drawn up by the Technical Committee CEN/TC 55.

If this draft becomes a European Standard, 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.

This draft European Standard 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

Management Centre: Avenue Marnix 17, B-1000 Brussels

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Foreword

This document (prEN ISO 6873:2011) has been prepared by Technical Committee ISO/TC 106 "Dentistry" in collaboration with Technical Committee CEN/TC 55 "Dentistry" the secretariat of which is held by DIN.

This document is currently submitted to the parallel Enquiry.

This document will supersede EN ISO 6873:2000.

Endorsement notice

The text of ISO/DIS 6873:2011 has been approved by CEN as a prEN ISO 6873:2011 without any modification.

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DRAFT INTERNATIONAL STANDARD ISO/DIS 6873

ISO/TC 106/SC 2

Secretariat: **ANSI**Voting begins on
2011-11-17Voting terminates on
2012-04-17

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

Dentistry — Gypsum products

Médecine bucco-dentaire — Produits à base de gypse

[Revision of first edition (ISO 6873:1998)]

ICS 11.060.10

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ISO/CEN PARALLEL PROCESSING

This draft has been developed within the International Organization for Standardization (ISO), and processed under the **ISO-lead** mode of collaboration as defined in the Vienna Agreement.

This draft is hereby submitted to the ISO member bodies and to the CEN member bodies for a parallel five-month enquiry.

Should this draft be accepted, a final draft, established on the basis of comments received, will be submitted to a parallel two-month approval vote in ISO and formal vote in CEN.

To expedite distribution, this document is circulated as received from the committee secretariat. ISO Central Secretariat work of editing and text composition will be undertaken at publication stage.

Pour accélérer la distribution, le présent document est distribué tel qu'il est parvenu du secrétariat du comité. Le travail de rédaction et de composition de texte sera effectué au Secrétariat central de l'ISO au stade de publication.

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

Specific qualitative and quantitative requirements for freedom from biological hazard are not included in this International Standard but it is recommended that, in assessing possible biological hazards, reference should be made to ISO 10993-1 and ISO 7405.

ISO 6873 was prepared by Technical Committee ISO/TC 106, *Dentistry*, Subcommittee SC 2, *Prosthetic dental materials*.

This third edition cancels and replaces the second edition (ISO 6873:1998) of which Clause 4 Classification, Clause 5.4 Setting expansion requirements and Clause 8.2, Labelling have been technically revised. An alternative design for the extensometer used to measure setting expansion is included

Comment [C1]: "and designation" deleted

Comment [C2]: addition

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Comment [C3]: addition of an Introduction

Introduction

This revision was necessary since gypsum products have been marketed since the last edition of ISO 6873 was published, which have properties (required for newly introduced dental technology) for which the requirements set in that edition were not appropriate. In this edition the classification has been altered to take this into account and in so doing, requirements have been set appropriately. In addition there was concern that Type 4 dental stone used for CAD CAM models should not produce significant setting expansion at times beyond the 2 hour period at which setting expansion was measured and a requirement had been set. In this edition the setting expansion for Type 4 dental stone is measured at 24 hours as well.

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