



SLOVENSKI STANDARD SIST EN ISO 15854:2021

01-april-2021

Nadomešča:
SIST EN ISO 15854:2005

Zobozdravstvo - Voski za odlitke in podstavke (ISO 15854:2021)

Dentistry - Casting and baseplate waxes (ISO 15854:2021)

Zahnheilkunde - Guss- und Basisplattenwachse (ISO 15854:2021)

Art dentaire - Cires pour coulée et pour plaque de base (ISO 15854:2021)

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Ta slovenski standard je istoveten z: EN ISO 15854:2021

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ICS:

11.060.10 Zobotehnični materiali Dental materials

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en

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EUROPEAN STANDARD
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EUROPÄISCHE NORM

EN ISO 15854

February 2021

ICS 11.060.10

Supersedes EN ISO 15854:2005

English Version

Dentistry - Casting and baseplate waxes (ISO 15854:2021)

Médecine bucco-dentaire - Cires pour coulée et pour
plaque de base (ISO 15854:2021)

Zahnheilkunde - Guss- und Basisplattenwachse (ISO
15854:2021)

This European Standard was approved by CEN on 12 December 2020.

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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.

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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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European foreword

This document (EN ISO 15854:2021) 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 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of an identical text or by endorsement, at the latest by August 2021, and conflicting national standards shall be withdrawn at the latest by August 2021.

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

This document supersedes EN ISO 15854:2005.

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INTERNATIONAL STANDARD

ISO
15854

Second edition
2021-01

Dentistry — Casting and baseplate waxes

Médecine bucco-dentaire — Cires pour coulée et pour plaque de base

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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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 106, *Dentistry*, Subcommittee SC 2, *Prosthetic materials*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 55, *Dentistry*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 15854:2005), which has been technically revised.

The main changes compared to the previous edition are as follows:

- the requirement for separating paper for baseplate wax sheets has been revised;
- the statement of the requirement for residue on ignition for casting wax has been revised;
- the mass of wax used for the residue on ignition test has been increased to 10 g;
- the use of a mandrel for the delamination test has been revised;
- clarification has been given on the procedural detail in most tests;
- specification of the content of the required report has been added.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

ISO 15854:2021(E)**Introduction**

This document does not include specific and quantitative requirements for freedom from biological hazards. It is recommended that, in assessing possible biological or toxicological hazards, reference be made to ISO 7405 and ISO 10993-1.

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