



**SLOVENSKI STANDARD
SIST EN ISO 19397:2025**

01-januar-2025

Nadomešča:

SIST-TS CEN ISO/TS 19397:2018

Barve in laki - Določanje debeline filma premazov z ultrazvokom (ISO 19397:2024)

Paints and varnishes - Determination of the film thickness of coatings using an ultrasonic gauge (ISO 19397:2024)

Beschichtungsstoffe - Bestimmung der Schichtdicke von Beschichtungen mittels Ultraschallmessung (ISO 19397:2024)

Peintures et vernis - Détermination de l'épaisseur du feuillet de revêtements par mesurage par ultrasons (ISO 19397:2024)

Ta slovenski standard je istoveten z: EN ISO 19397:2024

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ICS:

87.040

Barve in laki

Paints and varnishes

SIST EN ISO 19397:2025

en,fr,de

EUROPEAN STANDARD

EN ISO 19397

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 2024

ICS 87.040

Supersedes CEN ISO/TS 19397:2018

English Version

Paints and varnishes - Determination of the film thickness of coatings using an ultrasonic gauge (ISO 19397:2024)

Peintures et vernis - Détermination de l'épaisseur du
feuil de revêtements par mesurage par ultrasons (ISO
19397:2024)

Beschichtungsstoffe - Bestimmung der Schichtdicke
von Beschichtungen mittels Ultraschallmessung (ISO
19397:2024)

This European Standard was approved by CEN on 23 November 2024.

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 CEN-CENELEC Management Centre or to any CEN member.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
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European foreword

This document (EN ISO 19397:2024) has been prepared by Technical Committee ISO/TC 35 "Paints and varnishes" in collaboration with Technical Committee CEN/TC 139 "Paints and varnishes" 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of an identical text or by endorsement, at the latest by May 2025, and conflicting national standards shall be withdrawn at the latest by May 2025.

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.

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The text of ISO 19397:2024 has been approved by CEN as EN ISO 19397:2024 without any modification.

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International Standard

ISO 19397

Paints and varnishes — Determination of the film thickness of coatings using an ultrasonic gauge

Peintures et vernis — Détermination de l'épaisseur du feuil de revêtements par mesurage par ultrasons

**First edition
2024-11**

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Published in Switzerland

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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 document 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).

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This document was prepared by Technical Committee ISO/TC 35, *Paints and varnishes*, Subcommittee SC 9, *General test methods for paints and varnishes*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 139, *Paints and varnishes*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This first edition cancels and replaces ISO/TS 19397:2015, which has been technically revised.

The main changes are as follows:

- an introduction has been added;
- the normative references have been updated.

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 19397:2024(en)**Introduction**

This document consistently enumerates the individual coatings applied in a multi-layer system by referring to the first coating applied on the substrate as coating 1. Some other standards referring to individual test methods enumerate in reverse order. See ISO 2808 for example.

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