

SLOVENSKI STANDARD SIST EN ISO 4518:2021

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Nadomešča:

SIST EN ISO 4518:1999

Kovinske prevleke - Merjenje debeline prevleke - Profilometrijska metoda (ISO 4518:2021)

Metallic coatings - Measurement of coating thickness - Profilometric method (ISO 4518:2021)

Metallische Überzüge i Messen der Schichtdicke Profilometrisches Verfahren (ISO 4518:2021)

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Revêtements métalliques - Mesurage de l'épaisseur de revêtement - Méthode profilométrique (ISO 14518:2021) leh ai/catalog/standards/sist/f901272a-668e-4615-aafb-b4586c1eb1e3/sist-en-iso-4518-2021

Ta slovenski standard je istoveten z: EN ISO 4518:2021

ICS:

25.220.40 Kovinske prevleke Metallic coatings

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EUROPEAN STANDARD

EN ISO 4518

NORME EUROPÉENNE

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Supersedes EN ISO 4518:1995

English Version

Metallic coatings - Measurement of coating thickness - Profilometric method (ISO 4518:2021)

Revêtements métalliques - Mesurage de l'épaisseur de revêtement - Méthode profilométrique (ISO 4518:2021)

Metallische Überzüge - Messen der Schichtdicke - Profilometrisches Verfahren (ISO 4518:2021)

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

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EN ISO 4518:2021 (E)

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European foreword

This document (EN ISO 4518:2021) has been prepared by Technical Committee ISO/TC 107 "Metallic and other inorganic coatings" in collaboration with Technical Committee CEN/TC 262 "Metallic and other inorganic coatings, including for corrosion protection and corrosion testing of metals and alloys" the secretariat of which is held by BSI.

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of an identical text or by endorsement, at the latest by October 2021, and conflicting national standards shall be withdrawn at the latest by October 2021.

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INTERNATIONAL STANDARD

ISO 4518

Second edition 2021-04

Metallic coatings — Measurement of coating thickness — Profilometric method

Revêtements métalliques — Mesurage de l'épaisseur de revêtement — Méthode profilométrique

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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).

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This document was prepared by Technical Committee ISO/TC 107, *Metallic and other inorganic coatings*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 262, *Metallic and other inorganic coatings*, including for corrosion protection and corrosion testing of metals and alloys, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 4518:1980), which has been technically revised. The main changes compared with the previous edition are as follows:

- optical profilometers such as confocal microscopes or interference microscopes have been added as alternatives to stylus instruments for the measurement of the step height;
- a description of more modern stylus profilometers 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.