
Barve in laki - Elektrodepizijski premazi - 4. del: Združljivost elektrodepizijskih premazov s tekočinami, pastami in trdnimi snovmi (ISO 22553-4:2019)

Paints and varnishes - Electro-deposition coatings - Part 4: Compatibility of electro-deposition coating materials with liquid, paste-like and solid foreign materials (ISO 22553-4:2019)

Beschichtungsstoffe - Elektrotauchlacke - Teil 4: Verträglichkeit von Elektrotauchlacken mit flüssigen, pastösen und festen Fremdmaterialien (ISO 22553-4:2019)

Peintures et vernis - Peintures d'électrodeposition - Partie 4: Compatibilité des peintures d'électrodeposition avec des matières liquides, pâteuses et solides (ISO 22553-4:2019)

Ta slovenski standard je istoveten z: EN ISO 22553-4:2020

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Paints and varnishes

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EN ISO 22553-4

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English Version

**Paints and varnishes - Electro-deposition coatings - Part 4:
Compatibility of electro-deposition coating materials with
liquid, paste-like and solid foreign materials (ISO 22553-
4:2019)**

Peintures et vernis - Peintures d'électrodéposition -
Partie 4: Compatibilité des peintures
d'électrodéposition avec des matières liquides,
pâteuses et solides (ISO 22553-4:2019)

Beschichtungsstoffe - Elektrotauchlacke - Teil 4:
Verträglichkeit von Elektrotauchlacken mit flüssigen,
pastösen und festen Fremdmaterialien (ISO 22553-
4:2019)

This European Standard was approved by CEN on 30 November 2020.

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European foreword

The text of ISO 22553-4:2019 has been prepared by Technical Committee ISO/TC 35 "Paints and varnishes" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 22553-4:2020 by 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of an identical text or by endorsement, at the latest by June 2021, and conflicting national standards shall be withdrawn at the latest by June 2021.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.

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The text of ISO 22553-4:2019 has been approved by CEN as EN ISO 22553-4:2020 without any modification.

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**Paints and varnishes —
Electro-deposition coatings —****Part 4:****Compatibility of electro-deposition
coating materials with liquid, paste-
like and solid foreign materials**

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*Peintures et vernis — Peintures d'électrodéposition —
Partie 4: Compatibilité des peintures d'électrodéposition avec des
matières liquides, pâteuses et solides*

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ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Fax: +41 22 749 09 47
Email: copyright@iso.org
Website: www.iso.org

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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 35, *Paints and varnishes*, Subcommittee SC 9, *General test methods for paints and varnishes*.

A list of all parts in the ISO 22553 series can be found on the ISO website.

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.

Introduction

During the electro-deposition coating process, foreign materials used in downstream production processes pass through the electro-deposition coating tank. Consequently, contamination of the electro-deposition coating tank material or defects in the surface of the coating can occur. Foreign materials can be, for example, oils, adhesives, insulating material and plastic building components.

Test methods for determining the compatibility of electro-deposition coating materials with a reference oil, which influences the properties of the electro-deposition coating, are described in ISO 22553-3.

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