

SLOVENSKI STANDARD SIST EN ISO 19403-1:2022

01-september-2022

Nadomešča: SIST EN ISO 19403-1:2020

Barve in laki - Omočljivost - 1. del: Terminologija in splošna načela (ISO 19403-1:2022)

Paints and varnishes - Wettability - Part 1: Vocabulary and general principles (ISO 19403 -1:2022)

Beschichtungsstoffe - Benetzbarkeit - Teil 1: Begriffe und allgemeine Grundlagen (ISO 19403-1:2022)

Peintures et vernis - Mouillabilité - Partie 1: Vocabulaire et principes généraux (ISO 19403-1:2022)

Ta slovenski standard je istoveten z: EN ISO 19403-1:2022

ICS:

01.040.87 Industrija barv (Slovarji)

87.040 Barve in laki

Paint and colour industries (Vocabularies) Paints and varnishes

SIST EN ISO 19403-1:2022

en,fr,de

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SIST EN ISO 19403-1:2022

EUROPEAN STANDARD NORME EUROPÉENNE EUROPÄISCHE NORM

EN ISO 19403-1

June 2022

ICS 01.040.87; 87.040

Supersedes EN ISO 19403-1:2020

English Version

Paints and varnishes - Wettability - Part 1: Vocabulary and general principles (ISO 19403-1:2022)

Peintures et vernis - Mouillabilité - Partie 1: Vocabulaire et principes généraux (ISO 19403-1:2022) Beschichtungsstoffe - Benetzbarkeit - Teil 1: Begriffe und allgemeine Grundlagen (ISO 19403-1:2022)

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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 19403-1:2022) 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of an identical text or by endorsement, at the latest by December 2022, and conflicting national standards shall be withdrawn at the latest by December 2022.

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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Endorsement notice

The text of ISO 19403-1:2022 has been approved by CEN as EN ISO 19403-1:2022 without any modification.

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INTERNATIONAL STANDARD

ISO 19403-1

Second edition 2022-06

Paints and varnishes — Wettability —

Part 1: Vocabulary and general principles

Peintures et vernis — Mouillabilité —

Partie 1: Vocabulaire et principes généraux

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ISO 19403-1:2022(E)

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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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 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 second edition cancels and replaces the first edition (ISO 19403-1:2017), which has been technically revised.

The main changes are as follows:

- in the title, "Terminology" has been changed to "Vocabulary";
- text from the Scope has been moved to the Introduction;
- <u>3.1.5</u>, <u>3.1.7</u>, <u>3.1.8</u> and <u>3.1.9</u> have been slightly modified;
- the following terms and definitions have been added: hydrophobic, superhydrophobic, hydrophilic, superhydrophilic and superhydrophobic coating;
- Clause 4 has been moved to <u>Annex A</u>;
- <u>Figure 1</u> and <u>Figure A.1</u> have been updated;
- the designation of the X-axis in Figure A.2 has been corrected;
- the derivation of <u>Formula (A.4)</u> has been improved;
- <u>Formula (A.6)</u> has been corrected;
- bibliographic entries [1] and [12] have been added and cross-references updated.

A list of all parts in the ISO 19403 series can be found on the ISO website.

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