



SLOVENSKI STANDARD
SIST EN ISO 19403-2:2025

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Nadomešča:
SIST EN ISO 19403-2:2020

Barve in laki - Omočljivost - 2. del: Določanje proste površinske energije površin trdnih teles z merjenjem stičnega kota (ISO 19403-2:2024)

Paints and varnishes - Wettability - Part 2: Determination of the surface free energy of solid surfaces by measuring the contact angle (ISO 19403-2:2024)

Beschichtungsstoffe - Benetzbarkeit - Teil 2: Bestimmung der freien Oberflächenenergie fester Oberflächen durch Messung des Kontaktwinkels (ISO 19403-2:2024)

Peintures et vernis - Mouillabilité - Partie 2: Détermination de l'énergie libre de surface des surfaces solides par la mesure de l'angle de contact (ISO 19403-2:2024)

Ta slovenski standard je istoveten z: EN ISO 19403-2:2024

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ICS:

87.040

Barve in laki

Paints and varnishes

SIST EN ISO 19403-2:2025

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EN ISO 19403-2

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Paints and varnishes - Wettability - Part 2: Determination of the surface free energy of solid surfaces by measuring the contact angle (ISO 19403-2:2024)

Peintures et vernis - Mouillabilité - Partie 2:
Détermination de l'énergie libre de surface des
surfaces solides par la mesure de l'angle de contact
(ISO 19403-2:2024)

Beschichtungsstoffe - Benetzbarkeit - Teil 2:
Bestimmung der freien Oberflächenenergie fester
Oberflächen durch Messung des Kontaktwinkels (ISO
19403-2:2024)

This European Standard was approved by CEN on 17 August 2024.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
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European foreword

This document (EN ISO 19403-2:2024) 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of an identical text or by endorsement, at the latest by March 2025, and conflicting national standards shall be withdrawn at the latest by March 2025.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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International Standard

ISO 19403-2

Paints and varnishes — Wettability —

Part 2:

Determination of the surface free energy of solid surfaces by measuring the contact angle

Peintures et vernis — Mouillabilité —

*Partie 2: Détermination de l'énergie libre de surface des surfaces
solides par la mesure de l'angle de contact*

Second edition 2024-09

ISO 19403-2:2024(en)

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

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Foreword

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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 second edition cancels and replaces the first edition (ISO 19403-2:2017), which has been technically revised.

The main changes are as follows:

- the minimum size of the text samples has been changed to 4 cm × 4 cm;
- definition [3.1](#) on “recently advanced contact angle” has been added;
- the use of ethylene glycol as test liquid has been deleted;
- in [7.2.1](#), the information on the camera tilt angle has been added;
- the normative references have been updated.

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

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