SLOVENSKI STANDARD
SIST EN ISO 4628-3:2025

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Barve in laki - Vrednotenje obsega in velikosti poškodb ter intenzitete enakomernih sprememb videza - 3. del: Ocenjevanje stopnje rjavenja (ISO 4628-3:2024)

Paints and varnishes - Evaluation of quantity and size of defects, and of intensity of uniform changes in appearance - Part 3: Assessment of degree of rusting (ISO 4628-3:2024)

Beschichtungsstoffe - Beurteilung der Menge und der Größe von Schäden und der Intensität von gleichmäßigen Veränderungen im Aussehen - Teil 3: Bewertung des Rostgrades (ISO 4628-3:2024)

Peintures et vernis - Évaluation de la quantité et de la dimension des défauts, et de l'intensité des changements uniformes d'aspect - Partie 3: Évaluation du degré d'enrouillement (ISO 4628-3:2024)

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Beschichtungsstoffe - Beurteilung der Menge und der Größe von Schäden und der Intensität von gleichmäßigen Veränderungen im Aussehen - Teil 3: Bewertung des Rostgrades (ISO 4628-3:2024)

This European Standard was approved by CEN on 22 November 2024.

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

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European foreword

This document (EN ISO 4628-3:2024) 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of an identical text or by endorsement, at the latest by May 2025, and conflicting national standards shall be withdrawn at the latest by May 2025.

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Endorsement notice

The text of ISO 4628-3:2024 has been approved by CEN as EN ISO 4628-3:2024 without any modification.

International Standard

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Fourth edition
2024-11

Paints and varnishes — Evaluation of quantity and size of defects, and of intensity of uniform changes in appearance —

Part 3: Assessment of degree of rusting

Peintures et vernis — Évaluation de la quantité et de la dimension des défauts, et de l'intensité des changements uniformes d'aspect —
Partie 3: Évaluation du degré d'enrouillement

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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.

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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 fourth edition cancels and replaces the third edition (ISO 4628-3:2016), which has been technically revised.

The main changes are as follows:

— the title has been shortened;

— the normative references have been updated;

— term 3.1, “degree of rusting” has been deleted;

— new terms 3.1 “red rust”, 3.2 “white rust” and 3.3 “rust traces” have been added;

— Clause 4 on symbols and abbreviations has been added;

— “rusted area” has been changed to “corroded area” in the entire text;

— a note on the original size of the figures has been added to the former Clause 4, which now is Clause 5;

— Table 1 for designating the size of rusting has been added;

— the percentage of the corroded area in Figure A.5 has been corrected;

— the assessment of white rust together with new pictorial standards has been added;

— the assessment of the degree of rusting by estimating the corroded area in per cent has been added;

— point “d) the method of assessment (method 1 or method 2) which was used;” has been added to the test report in Clause 8;

— a new Annex B has been added, showing an example for a test panel after the NSS salt spray test specified in ISO 9227 with a degree of rusting Ri 4;

— the former Annex B has become Annex C;

— in Annex C, the correlation with the ASTM rust scale has been adjusted to ASTM D610-08.

A list of all parts in the ISO 4628 series can be found on the ISO website.

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