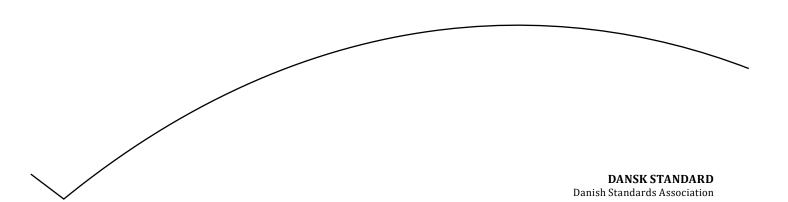
Malinger og lakker - Anvendt terminologi

Paints and varnishes - Vocabulary (ISO 4618:2023)



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Paints and varnishes - Vocabulary (ISO 4618:2023)

Peintures et vernis - Vocabulaire (ISO 4618:2023)

Beschichtungsstoffe - Begriffe (ISO 4618:2023)

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European foreword

This document (EN ISO 4618:2023) 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of an identical text or by endorsement, at the latest by August 2023, and conflicting national standards shall be withdrawn at the latest by August 2023.

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Third edition 2023-02

${\bf Paints\ and\ varnishes-Vocabulary}$

Peintures et vernis — Vocabulaire



DS/EN ISO 4618:2023 ISO 4618:2023(E)

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DS/EN ISO 4618:2023 ISO 4618:2023(EN)

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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*, 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 third edition cancels and replaces the second edition (ISO 4618:2014), which has been technically revised.

The main changes are as follows:

- the title has been changed from "Terms and definitions" to "Vocabulary";
- the following terms have been added: brush marks, catalyst, clouding, cold checking, conventional spraying, crater, creeping, dirt-resistant paint, distinctness of image, DOI, drawdown blade, dry spray, film applicator, flocculate, nanocomposite coating, nanoparticle, particle, pigment-binder ratio, primary particle, semi-volatile organic compound, semi-volatile organic compound content, SVOC, SVOC content, SVOCC;
- the following terms have been deleted: after tack, brush-drag, bubbling, cratering, cutting-in, dilatant flow behaviour, flash point, flocculation, flow properties, graining, marbling, pseudoplastic flow behaviour, rheopexy, rheopectic behaviour, rust back, shear-thickening flow behaviour, shear-thinning behaviour, sheen, tack-free, thixotropic behaviour, thixotropy, UV-curing, viscoelasticity, viscosity, yield point, yield stress, yield value;
- many definitions have been amended;
- the text has been editorially revised and the bibliography and scope have been updated.

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.

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Paints and varnishes — Vocabulary

1 Scope

This document defines terms used in the field of coating materials (paints, varnishes and raw materials for paints and varnishes).

Terms relating to specific applications and properties are dealt with in standards concerning those applications and properties, including corrosion protection (see the <u>ISO 12944 series</u>), coating powders (see <u>ISO 8130-14</u>), electro-deposition coatings (see <u>ISO 22553-1</u>) and rheology (see <u>ISO 3219-1</u>).

Terms on nanotechnologies are harmonized with the ISO 80004 series.

Terms on pigments and extenders are harmonized with ISO 18451-1.

2 Normative references

There are no normative references in this document.