

DIN EN ISO 22553-1



ICS 01.040.87; 87.040

Supersedes
DIN 55655-1:2014-11

**Paints and varnishes –
Electro-deposition coatings –
Part 1: Vocabulary (ISO 22553-1:2019);
English version EN ISO 22553-1:2020,
English translation of DIN EN ISO 22553-1:2021-03**

Beschichtungsstoffe –
Elektrotauchlacke –
Teil 1: Begriffe (ISO 22553-1:2019);
Englische Fassung EN ISO 22553-1:2020,
Englische Übersetzung von DIN EN ISO 22553-1:2021-03

Peintures et vernis –
Peintures d'électrodéposition –
Partie 1: Vocabulaire (ISO 22553-1:2019);
Version anglaise EN ISO 22553-1:2020,
Traduction anglaise de DIN EN ISO 22553-1:2021-03

Document comprises 17 pages

Translation by DIN-Sprachendienst.

In case of doubt, the German-language original shall be considered authoritative.

A comma is used as the decimal marker.

National foreword

The text of ISO 22553-1:2019 has been prepared by Technical Committee ISO/TC 35 “Paints and varnishes” and has been adopted as EN ISO 22553-1:2020 by Technical Committee CEN/TC 139 “Paints and varnishes” (Secretariat: DIN, Germany).

The responsible German body involved in its preparation was *DIN-Normenausschuss Beschichtungsstoffe und Beschichtungen* (DIN Standards Committee Coatings and Coating Materials), Working Group NA 002-00-07-09 AK “Automotive coatings” of Working Committee NA 002-00-07 AA “General test methods for coating materials and coatings”.

The DIN documents corresponding to the documents referred to in this document are as follows:

ISO 3251	DIN EN ISO 3251
ISO 14680-1	DIN EN ISO 14680-1
ISO 14680-2	DIN EN ISO 14680-2
ISO 15091	DIN EN ISO 15091
ISO 19396-1	DIN EN ISO 19396-1
ISO 22516	DIN EN ISO 22516
ISO 22518	DIN EN ISO 22518
ISO 22553 (all parts)	DIN EN ISO 22553 (all parts)
ISO 23321	DIN EN ISO 23321

For current information on this document, please go to DIN’s website (www.din.de) and search for the document number in question.

Amendments

This standard differs from DIN 55655-1:2014-11 as follows:

- a) the status of the standard has been changed due to the adoption of the European Standard EN ISO 22553-1;
- b) normative references have been updated;
- c) the terms “electro-deposition coating” and “edge loss” have been deleted;
- d) the term “edge protection” has been included;
- e) the description of the laboratory deposition system has been deleted and inserted into the corresponding parts of the standards series;
- f) the correlation of VDA Guidelines and DIN Standards has been deleted;
- g) a Bibliography has been included;
- h) the document has been editorially revised.

Previous editions

DIN 55655-1: 2014-11

National Annex NA (informative)

Bibliography

DIN EN ISO 3251, *Paints, varnishes and plastics — Determination of non-volatile-matter content*

DIN EN ISO 14680-1, *Paints and varnishes — Determination of pigment content — Part 1: Centrifuge method*

DIN EN ISO 14680-2, *Paints and varnishes — Determination of pigment content — Part 2: Ashing method*

DIN EN ISO 15091, *Paints and varnishes — Determination of electrical conductivity and resistance*

DIN EN ISO 19396-1, *Paints and varnishes — Determination of pH value — Part 1: pH electrodes with glass membrane*

DIN EN ISO 22516, *Paints and varnishes — Practical determination of non-volatile and volatile matter content during application*

DIN EN ISO 22518, *Paints and varnishes — Determination of solvents in water-thinnable coating materials — Gas-chromatographic method*

DIN EN ISO 22553 (all parts), *Paints and varnishes — Electro-deposition coatings*

DIN EN ISO 23321, *Solvents for paints and varnishes — Demineralized water for industrial applications — Specification and test methods*

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