

ICS 87.040

Supersedes
DIN EN ISO 4628-1:2004-01

**Paints and varnishes –
Evaluation of degradation of coatings –
Designation of quantity and size of defects, and of intensity of uniform
changes in appearance – Part 1: General introduction and designation
system (ISO 4628-1:2016);
English version EN ISO 4628-1:2016,
English translation of DIN EN ISO 4628-1:2016-07**

Beschichtungsstoffe –
Beurteilung von Beschichtungsschäden –
Bewertung der Menge und der Größe von Schäden und der Intensität von gleichmäßigen
Veränderungen im Aussehen – Teil 1: Allgemeine Einführung und Bewertungssystem
(ISO 4628-1:2016);
Englische Fassung EN ISO 4628-1:2016,
Englische Übersetzung von DIN EN ISO 4628-1:2016-07

Peintures et vernis –
Évaluation de la dégradation des revêtements –
Désignation de la quantité et de la dimension des défauts, et de l'intensité des changements
uniformes d'aspect – Partie 1: Introduction générale et système de désignation
(ISO 4628-1:2016);
Version anglaise EN ISO 4628-1:2016,
Traduction anglaise de DIN EN ISO 4628-1:2016-07

Document comprises 12 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

This document (EN ISO 4628-1:2016) has been prepared by Technical Committee ISO/TC 35 “Paints and varnishes” in collaboration with 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 Committee NA 002-00-07 AA *Allgemeine Prüfverfahren für Beschichtungsstoffe und Beschichtungen*.

DIN EN ISO 4628 consists of the following parts, under the general title *Paints and varnishes — Evaluation of degradation of coatings — Designation of quantity and size of defects, and of intensity of uniform changes in appearance*:

- *Part 1: General introduction and designation system*
- *Part 2: Assessment of degree of blistering*
- *Part 3: Assessment of degree of rusting*
- *Part 4: Assessment of degree of cracking*
- *Part 5: Assessment of degree of flaking*
- *Part 6: Assessment of degree of chalking by tape method*
- *Part 7: Assessment of degree of chalking by velvet method*
- *Part 8: Assessment of degree of delamination and corrosion around a scribe or other artificial defect*
- *Part 10: Assessment of degree of filiform corrosion*

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

ISO 10289	DIN EN ISO 10289
ISO 13076	DIN EN ISO 13076

Amendments

This standard differs from DIN EN ISO 4628-1:2004-01 as follows:

- a) a lower limit for visual assessment of defects has been introduced in Table 2;
- b) a normative reference to ISO 13076 for illumination for the visual assessment has been added.

Previous editions

DIN 53230: 1973-04, 1983-04
DIN EN ISO 4628-1: 2004-01

National Annex NA
(informative)

Bibliography

DIN EN ISO 10289, *Methods for corrosion testing of metallic and other inorganic coatings on metallic substrates — Rating of test specimens and manufactured articles subjected to corrosion test*

DIN EN ISO 13076, *Paints and varnishes — Lighting and procedure for visual assessments of coatings*

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