

## DIN EN ISO 4628-3



ICS 87.040

Supersedes  
DIN EN ISO 4628-3:2004-01

**Paints and varnishes –  
Evaluation of degradation of coatings –  
Designation of quantity and size of defects, and of intensity of uniform  
changes in appearance – Part 3: Assessment of degree of rusting  
(ISO 4628-3:2016);  
English version EN ISO 4628-3:2016,  
English translation of DIN EN ISO 4628-3:2016-07**

Beschichtungsstoffe –  
Beurteilung von Beschichtungsschäden –  
Bewertung der Menge und der Größe von Schäden und der Intensität von gleichmäßigen  
Veränderungen im Aussehen – Teil 3: Bewertung des Rostgrades (ISO 4628-3:2016);  
Englische Fassung EN ISO 4628-3:2016,  
Englische Übersetzung von DIN EN ISO 4628-3:2016-07

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 3: Évaluation du degré d'enrouillement (ISO 4628-3:2016);  
Version anglaise EN ISO 4628-3:2016,  
Traduction anglaise de DIN EN ISO 4628-3:2016-07

Document comprises 23 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 4628-3:2016) 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 4628-1:2016 | DIN EN ISO 4628-1:2016-06 |
| ISO 8501-1      | DIN EN ISO 8501-1         |
| ISO 13076       | DIN EN ISO 13076          |

## Amendments

This standard differs from DIN EN ISO 4628-3:2004-01 as follows:

- a) a normative reference to ISO 13076 for illumination for the visual assessment has been added;
- b) a note on the rusted area of the degree of rusting Ri 5 has been added.

## Previous editions

DIN 53210: 1930-02, 1964-06, 1978-02  
DIN EN ISO 4628-3: 2004-01

## **National Annex NA** (informative)

### **Bibliography**

DIN EN ISO 4628-1:2016-06, *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)*

DIN EN ISO 8501-1, *Preparation of steel substrates before application of paints and related products — Visual assessment of surface cleanliness — Part 1: Rust grades and preparation grades of uncoated steel substrates and of steel substrates after overall removal of previous coatings*

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

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