

## DIN EN ISO 12944-2



ICS 87.020

Supersedes  
DIN EN ISO 12944-2:1998-07

**Paints and varnishes –  
Corrosion protection of steel structures by protective paint systems –  
Part 2: Classification of environments (ISO 12944-2:2017);  
English version EN ISO 12944-2:2017,  
English translation of DIN EN ISO 12944-2:2018-04**

Beschichtungsstoffe –  
Korrosionsschutz von Stahlbauten durch Beschichtungssysteme –  
Teil 2: Einteilung der Umgebungsbedingungen (ISO 12944-2:2017);  
Englische Fassung EN ISO 12944-2:2017,  
Englische Übersetzung von DIN EN ISO 12944-2:2018-04

Peintures et vernis –  
Anticorrosion des structures en acier par systèmes de peinture –  
Partie 2: Classification des environnements (ISO 12944-2:2017);  
Version anglaise EN ISO 12944-2:2017,  
Traduction anglaise de DIN EN ISO 12944-2:2018-04

Document comprises 20 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 12944-2:2017) 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), Subcommittee NA 002-00-10-01 UA “General” of Working Committee NA 002-00-10 AA “Corrosion protection of steel structures”.

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

|               |                         |
|---------------|-------------------------|
| ISO 8044:2015 | DIN EN ISO 8044:2015-12 |
| ISO 9223      | DIN EN ISO 9223         |
| ISO 9226      | DIN EN ISO 9226         |
| ISO 12944-1   | DIN EN ISO 12944-1      |
| ISO 12944-3   | DIN EN ISO 12944-3      |
| ISO 12944-4   | DIN EN ISO 12944-4      |
| ISO 12944-5   | DIN EN ISO 12944-5      |
| ISO 12944-6   | DIN EN ISO 12944-6      |
| ISO 12944-7   | DIN EN ISO 12944-7      |
| ISO 12944-8   | DIN EN ISO 12944-8      |
| ISO 12944-9   | DIN EN ISO 12944-9      |

## **Amendments**

This standard differs from DIN EN ISO 12944-2:1998-07 as follows:

- a) normative references have been updated;
- b) subclause 4.2.1 “General” has been included;
- c) units in Table 1 have been corrected;
- d) the Bibliography has been updated;
- e) the text of the standard has been editorially revised.

## **Previous editions**

DIN 55928: 1956-11, 1959-06x  
DIN 55928-1: 1976-11, 1991-05  
DIN EN ISO 12944-2: 1998-07

## National Annex NA (informative)

### Bibliography

DIN EN ISO 8044:2015-12, *Corrosion of metals and alloys — Basic terms and definitions (ISO 8044:2015); Trilingual version EN ISO 8044:2015*

DIN EN ISO 9223, *Corrosion of metals and alloys — Corrosivity of atmospheres — Classification, determination and estimation*

DIN EN ISO 9226, *Corrosion of metals and alloys — Corrosivity of atmospheres — Determination of corrosion rate of standard specimens for the evaluation of corrosivity*

DIN EN ISO 12944-1, *Paints and varnishes — Corrosion protection of steel structures by protective paint systems — Part 1: General introduction*

DIN EN ISO 12944-3, *Paints and varnishes — Corrosion protection of steel structures by protective paint systems — Part 3: Design considerations*

DIN EN ISO 12944-4, *Paints and varnishes — Corrosion protection of steel structures by protective paint systems — Part 4: Types of surface and surface preparation*

DIN EN ISO 12944-5, *Paints and varnishes — Corrosion protection of steel structures by protective paint systems — Part 5: Protective paint systems*

DIN EN ISO 12944-6, *Paints and varnishes — Corrosion protection of steel structures by protective paint systems — Part 6: Laboratory performance test*

DIN EN ISO 12944-7, *Paints and varnishes — Corrosion protection of steel structures by protective paint systems — Part 7: Execution and supervision of paint work*

DIN EN ISO 12944-8, *Paints and varnishes — Corrosion protection of steel structures by protective paint systems — Part 8: Development of specifications for new work and maintenance*

DIN EN ISO 12944-9, *Paints and varnishes — Corrosion protection of steel structures by protective paint systems — Part 9: Protective paint systems and laboratory performance test methods for offshore and related structures*

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