

DIN EN ISO 19598



ICS 25.220.40

Supersedes
DIN 50979:2008-07

**Metallic coatings –
Electroplated coatings of zinc and zinc alloys on iron or steel with
supplementary Cr(VI)-free treatment (ISO 19598:2016);
English version EN ISO 19598:2016,
English translation of DIN EN ISO 19598:2017-04**

Metallische Überzüge –
Galvanische Zink- und Zinklegierungsüberzüge auf Eisenwerkstoffen mit zusätzlichen
Cr(VI)-freien Behandlungen (ISO 19598:2016);
Englische Fassung EN ISO 19598:2016,
Englische Übersetzung von DIN EN ISO 19598:2017-04

Revêtements métalliques –
Revêtements électrolytiques de zinc et d'alliage de zinc sur du fer ou de l'acier avec traitement
supplémentaire sans Cr(VI) (ISO 19598:2016);
Version anglaise EN ISO 19598:2016,
Traduction anglaise de DIN EN ISO 19598:2017-04

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 19598:2016) has been prepared by Technical Committee ISO/TC 107 “Metallic and other inorganic coatings” in collaboration with Technical Committee CEN/TC 262 “Metallic and other inorganic coatings, including for corrosion protection and corrosion testing of metals and alloys” (Secretariat: BSI, United Kingdom).

The responsible German body involved in its preparation was *DIN-Normenausschuss Materialprüfung* (DIN Standards Committee Materials Testing), Working Committee NA 062-01-76 AA “Chemical and electrochemical coatings”.

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

ISO 1463	DIN EN ISO 1463
ISO 2080	DIN EN ISO 2080
ISO 2177	DIN EN ISO 2177
ISO 2178	DIN EN ISO 2178
ISO 2360	DIN EN ISO 2360
ISO 2819	DIN EN ISO 2819
ISO 3497	DIN EN ISO 3497
ISO 3613:2010	DIN EN ISO 3613:2011-04
ISO 9227	DIN EN ISO 9227
ISO 15549	DIN EN ISO 15549
ISO 27830:2008	DIN EN ISO 27830:2013-11

Amendments

This standard differs from DIN 50979:2008-07 as follows:

- a) an Introduction has been included;
- b) the standard has been editorially revised;
- c) normative references have been updated;
- d) in Table 3, further sealant layers have been added;
- e) an additional example for a designation has been added;
- f) Tables 5 and 6 have been extended;
- g) the standard has been editorially revised.

Previous editions

DIN 50979: 2008-07

National Annex NA (informative)

Bibliography

DIN EN ISO 1463, *Metallic and oxide coatings — Measurement of coating thickness — Microscopical method*

DIN EN ISO 2080, *Metallic and other inorganic coatings — Surface treatment, metallic and other inorganic coatings — Vocabulary*

DIN EN ISO 2177, *Metallic coatings — Measurement of coating thickness — Coulometric method by anodic dissolution*

DIN EN ISO 2178, *Non-magnetic coatings on magnetic substrates — Measurement of coating thickness — Magnetic method*

DIN EN ISO 2360, *Non-conductive coatings on non-magnetic electrically conductive basis materials — Measurement of coating thickness — Amplitude-sensitive eddy current method*

DIN EN ISO 2819, *Metallic coatings on metallic substrates — Electrodeposited and chemically deposited coatings — Review of methods available for testing adhesion*

DIN EN ISO 3497, *Metallic and oxide coatings — Measurement of coating thickness — X-ray spectrometric methods*

DIN EN ISO 3613:2011-04, *Metallic and other inorganic coatings — Chromate conversion coatings on zinc, cadmium, aluminium-zinc alloys and zinc-aluminium alloys — Test methods (ISO 3613:2010)*

DIN EN ISO 9227, *Corrosion tests in artificial atmospheres — Salt spray tests*

DIN EN ISO 15549, *Non-destructive testing — Eddy current testing — General principles*

DIN EN ISO 27830:2013-11, *Metallic and other inorganic coatings — Guidelines for specifying metallic and inorganic coatings (ISO 27830:2008)*

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