

Metallic coatings - Hot dip galvanized coatings on ferrous materials - Gravimetric determination of the mass per unit area (ISO 1460:2020)

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

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EUROPEAN STANDARD

EN ISO 1460

NORME EUROPÉENNE

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Supersedes EN ISO 1460:1994

English Version

Metallic coatings - Hot dip galvanized coatings on ferrous materials - Gravimetric determination of the mass per unit area (ISO 1460:2020)

Revêtements métalliques - Revêtements de galvanisation à chaud sur métaux ferreux - Détermination gravimétrique de la masse par unité de surface (ISO 1460:2020)

Metallische Überzüge - Feuerverzinken auf Eisenwerkstoffen - Gravimetrisches Verfahren zur Bestimmung der flächenbezogenen Masse (ISO 1460:2020)

This European Standard was approved by CEN on 2 September 2020.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

European foreword

This document (EN ISO 1460:2020) 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" the secretariat of which is held by BSI.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by March 2021, and conflicting national standards shall be withdrawn at the latest by March 2021.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN ISO 1460:1994.

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Endorsement notice

The text of ISO 1460:2020 has been approved by CEN as EN ISO 1460:2020 without any modification.

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Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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This document was prepared by Technical Committee ISO/TC 107, *Metallic and other inorganic coatings*, Subcommittee SC 4, *Hot dip coatings (galvanized, etc.)*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 262, *Metallic and other inorganic coatings, including for corrosion protection and corrosion testing of metals and alloys*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This third edition cancels and replaces the second edition (ISO 1460:1992), which has been technically revised. The main changes compared with the previous edition are as follows:

- the density of concentrated hydrochloric acid in [Clause 5](#) has been modified from $\rho = 1,19$ g/ml to $\rho \geq 1,18$ g/ml.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Metallic coatings — Hot dip galvanized coatings on ferrous materials — Gravimetric determination of the mass per unit area

1 Scope

This document specifies a method of determining the mass per unit area of hot dip galvanized coatings on ferrous materials.

Since an exact knowledge of the area of the surface is essential, this document is mainly applicable to shapes whose areas are easy to determine. If, with heavy samples, the specifications of [Clause 7](#) cannot be met, then the hot dip galvanized coating mass is determined by another method.

2 Normative references

There are no normative references in this document.