

Metallic coatings — Measurement of coating thickness — Coulometric method by anodic dissolution

The European Standard EN ISO 2177:2004 has the status of a
British Standard

ICS 25.220.40

National foreword

This British Standard is the official English language version of EN ISO 2177:2004. It is identical with ISO 2177:2003. It supersedes BS EN ISO 2177:1995 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee STi/33, Electrodeposited and related coatings, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

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Cross-references

The British Standards which implement international publications referred to in this document may be found in the *BSI Catalogue* under the section entitled “International Standards Correspondence Index”, or by using the “Search” facility of the *BSI Electronic Catalogue* or of British Standards Online.

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Summary of pages

This document comprises a front cover, an inside front cover, the EN ISO title page, the EN ISO foreword page, the ISO title page, pages ii to iv, pages 1 to 14, the Annex ZA page and a back cover.

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Amendments issued since publication

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English version

**Metallic coatings - Measurement of coating thickness -
Coulometric method by anodic dissolution (ISO 2177:2003)**

Revêtements métalliques - Mesurage de l'épaisseur -
Méthode coulométrique par dissolution anodique (ISO
2177:2003)

Metallische Überzüge - Schichtdickenmessung -
Coulometrisches Verfahren durch anodisches Ablösen
(ISO 2177:2003)

This European Standard was approved by CEN on 1 April 2004.

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Foreword

The text of ISO 2177:2003 has been prepared by Technical Committee ISO/TC 107 "Metallic and other inorganic coatings" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 2177:2004 by Technical Committee CEN/TC 262 "Metallic and other inorganic coatings", 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 November 2004, and conflicting national standards shall be withdrawn at the latest by November 2004.

This document supersedes EN ISO 2177:1994.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

Endorsement notice

The text of ISO 2177:2003 has been approved by CEN as EN ISO 2177:2004 without any modifications.

NOTE Normative references to International Standards are listed in Annex ZA (normative).

INTERNATIONAL STANDARD

**ISO
2177**

Third edition
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Metallic coatings — Measurement of coating thickness — Coulometric method by anodic dissolution

*Revêtements métalliques — Mesurage de l'épaisseur — Méthode
coulométrique par dissolution anodique*



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Foreword

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International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

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ISO 2177 was prepared by Technical Committee ISO/TC 107, *Metallic and other inorganic coatings*, Subcommittee SC 2, *Test methods*.

This third edition cancels and replaces the second edition (ISO 2177:1985), which has been technically revised.