

Methods of test for

Electroplated silver and silver alloy coatings —

Part 2: Adhesion tests

[ISO title: Metallic coatings — Test methods for electrodeposited silver and silver alloy coatings — Part 2: Adhesion tests]

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Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Surface Coatings (other than Paints) Standards Committee (SRC/-) to Technical Committee SRC/5, upon which the following bodies were represented:

- Assay Offices Committee of Great Britain
- British Jewellers' Association
- British Metal Finishing Suppliers' Association
- British Telecommunications plc
- Cutlery and Silverware Association
- Design and Research Centre for the Gold, Silver and Jewellery Industries
- Electronic Engineering Association
- Institute of Metal Finishing
- Institution of Corrosion Science and Technology
- Metal Finishing Assn.
- Ministry of Defence
- National Association of Goldsmiths of Great Britain and Ireland

This British Standard, having been prepared under the direction of the Surface Coatings (other than Paints) Standards Committee, was published under the authority of the Board of BSI and comes into effect on 30 May 1986

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National foreword

This Part of BS 6669 has been prepared under the direction of the Surface Coatings (other than Paints) Standards Committee. It is identical with ISO 4522-2:1985, *“Metallic coatings — Test methods for electrodeposited silver and silver alloy coatings — Part 2: Adhesion tests”*, prepared by Sub-committee 3, Electrodeposited coatings and related finishes of Technical Committee 107, Metallic and other non-organic coatings, of the International Organization for Standardization (ISO), with the active participation and approval of the UK.

A number of the Parts of BS 6669 are intended to replace certain of the appendices of BS 2816:1973 *“Electroplated coatings of silver for engineering purposes”* and BS 4290:1968, *“Electroplated coatings of silver for decorative purposes on nickel silver and copper”*. Now that the test methods required for this purpose have been published, BS 2816:1973 and BS 4290:1968 are being revised. Upon completion of the revisions they will no longer contain the texts of test methods and both BS 2816:1973 and BS 4290:1968 will be withdrawn.

At present, the following Parts of BS 6669 have been published.

- *Part 1: Determination of coating thickness;*
- *Part 2: Adhesion tests.*

Further Parts of the standard will be prepared, if required.

Terminology and conventions. The text of the International Standard has been approved as suitable for publication as a British Standard without deviation. Some terminology and certain conventions are not identical with those used in British Standards; attention is drawn especially to the following.

The comma has been used as a decimal marker. In British Standards it is current practice to use a full point on the baseline as the decimal marker.

Wherever the words “this part of ISO 4522” appear, referring to this standard, they should be read as “this Part of BS 6669”.

Cross-references

International Standards	Corresponding British Standards
ISO 2178:1982	BS 5411 <i>Methods of test for metallic and related coatings</i> Part 11:1984 <i>Measurement of coating thickness of non-magnetic metallic and vitreous or porcelain enamel coatings or magnetic basis metals: magnetic method</i> (Identical)
ISO 2819:1980 ^a	Part 10:1981 <i>Review of methods available for testing adhesion of electrodeposited and chemically deposited metallic coatings on metallic substrates</i> (Identical)

^a Referred to for information only.

Additional information. In Figure 2 there is reference to “Society of Automotive Engineers (USA) Standard SAE J 442 a”. This reference is included for information only and does not affect the use of the standard.