
Barve in laki - Določanje odpornosti proti tekočinam - 2. del: Metoda s potapljanjem v vodo (ISO 2812-2:1993)

Paints and varnishes - Determination of resistance to liquids - Part 2: Water immersion method (ISO 2812-2:1993)

Lacke und Anstrichstoffe - Bestimmung der Beständigkeit gegen Flüssigkeiten - Teil 2: Verfahren mit Eintauchen in Wasser (ISO 2812-2:1993)

Peintures et vernis - Détermination de la résistance aux liquides - Partie 2: Méthode par immersion dans l'eau (ISO 2812-2:1993)

<https://standards.iteh.ai/catalog/standards/sist/3ac1601f-7772-4c98-9a65-7af72ba1a96c/sist-en-iso-2812-2-1997>

Ta slovenski standard je istoveten z: EN ISO 2812-2:1994

ICS:

87.040

Barve in laki

Paints and varnishes

SIST EN ISO 2812-2:1997**en**

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EUROPEAN STANDARD

EN ISO 2812-2

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 1994

ICS 87.040

Descriptors: paints, varnishes, tests, water resistance tests, immersion tests

English version

**Paints and varnishes - Determination of resistance
to liquids - Part 2: Water immersion method
(ISO 2812-2:1993)**

Peintures et vernis - Détermination de la
résistance aux liquides - Partie 2: Méthode par
immersion dans l'eau (ISO 2812-2:1993)

Lacke und Anstrichstoffe - Bestimmung der
Beständigkeit gegen Flüssigkeiten - Teil 2:
Verfahren mit Eintauchen in Wasser
(ISO 2812-2:1993)

This European Standard was approved by CEN on 1994-11-08. CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

The European Standards exist in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

Foreword

This European Standard has been taken over by the Technical Committee CEN/TC 139 "Paints and varnishes" from the work of ISO/TC 35 "Paints and varnishes" of the International Organization for Standardization (ISO).

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 May 1995, and conflicting national standards shall be withdrawn at the latest by May 1995.

According to the CEN/CENELEC Internal Regulations, the following countries are bound to implement this European Standard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, United Kingdom.

Endorsement notice

The text of the International Standard ISO 2812-2:1993 was approved by CEN as a European Standard without any modification.

NOTE: Normative references to international publications are listed in annex ZA (normative)

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<https://standards.iteh.ai/catalog/standards/sist/3ac1601f-7772-4c98-9a65-7af72ba1a96c/sist-en-iso-2812-2-1997>

Annex ZA (normative)**Normative references to international publications
with their relevant European publications**

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN</u>	<u>Year</u>
ISO 1512	1991	Paints and varnishes - Sampling of products in liquid or paste form	EN 21512	1994
ISO 1513	1992	Paints and varnishes - Examination and preparation of samples for testing	EN ISO 1513	1994

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INTERNATIONAL STANDARD

ISO
2812-2

First edition
1993-03-01

Paints and varnishes — Determination of resistance to liquids —

Part 2:

**Water immersion method
(standards.iteh.ai)**

Peintures et vernis — Détermination de la résistance aux liquides —

Partie 2: Méthode par immersion dans l'eau
<https://standards.iteh.ai/en/standards/sist-en-iso-2812-2-1997/7af72ba1a96c/sist-en-iso-2812-2-1997>



Reference number
ISO 2812-2:1993(E)

ISO 2812-2:1993(E)

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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.

International Standard ISO 2812-2 was prepared by Technical Committee ISO/TC 35, *Paints and varnishes*, Sub-Committee SC 9, *General test methods for paints and varnishes*.

ISO 2812 consists of the following parts, under the general title *Paints and varnishes — Determination of resistance to liquids*.

- *Part 1: General methods*
- *Part 2: Water immersion method*

This part of ISO 2812 cancels and replaces ISO 1521:1973, of which it constitutes an editorial and minor technical revision.

Annex A forms an integral part of this part of ISO 2812.

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Paints and varnishes — Determination of resistance to liquids —

Part 2: Water immersion method

1 Scope

This part of ISO 2812 is one of a series of standards dealing with the sampling and testing of paints, varnishes and related products.

It specifies a method for determining the resistance of a single-coat film or multi-coat system of paints or related products to the action of water by immersion.

The method gives an indication of the results likely to be obtained when painted articles are stored under conditions where prolonged condensation but not an extremely corrosive atmosphere may be produced. It is not intended to reproduce any particular condition of condensation.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this part of ISO 2812. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this part of ISO 2812 are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 1512:1991, *Paints and varnishes — Sampling of products in liquid or paste form*.

ISO 1513:1992, *Paints and varnishes — Examination and preparation of samples for testing*.

ISO 1514:—¹⁾, *Paints and varnishes — Standard panels for testing*.

ISO 2808:1991, *Paints and varnishes — Determination of film thickness*.

ISO 3696:1987, *Water for analytical laboratory use — Specification and test methods*.

ISO 4628-2:1982, *Paints and varnishes — Evaluation of degradation of paint coatings — Designation of intensity, quantity and size of common types of defect — Part 2: Designation of degree of blistering*.

3 Principle

A coated test panel is immersed in water and the effects of immersion are evaluated by criteria agreed in advance between the interested parties, these criteria usually being of a subjective nature.

4 Required supplementary information

For any particular application, the test method specified in this part of ISO 2812 needs to be completed by supplementary information. The items of supplementary information are given in annex A.

5 Apparatus

All parts of the apparatus in contact with water shall be made from inert materials.

5.1 Tank, of suitable size (a convenient size of tank is 700 mm × 400 mm × 400 mm), fitted with a cover, a heater and thermostatic control.

1) To be published. (Revision of ISO 1514:1984)