



SLOVENSKI STANDARD

SIST EN ISO 8290:1999

01-oktober-1999

Steklasti in porcelanski emaji - Ugotavljanje odpornosti proti žvepovi kislini pri sobni temperaturi (ISO 8290:1998)

Vitreous and porcelain enamels - Determination of resistance to sulfuric acid at room temperature (ISO 8290:1998)

Emails und Emailierungen - Bestimmung der Beständigkeit gegen Schwefelsäure bei Raumtemperatur (ISO 8290:1998)

Emaux vitrifiés - Détermination de la résistance à l'acide sulfurique à température ambiante (ISO 8290:1998)

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Ta slovenski standard je istoveten z: EN ISO 8290:1998

ICS:

25.220.50 Emajlne prevleke Enamels

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 8290

August 1998

ICS 25.220.50

Descriptors: see ISO document

English version

Vitreous and porcelain enamels - Determination of resistance to sulfuric acid at room temperature (ISO 8290:1998)

Emaux vitrifiés - Détermination de la résistance à l'acide sulfurique à température ambiante (ISO 8290:1998)

Emails und Emailierungen - Bestimmung der Beständigkeit gegen Schwefelsäure bei Raumtemperatur (ISO 8290:1998)

This European Standard was approved by CEN on 18 July 1998.

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.

This European Standard exists 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, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

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

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

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EN ISO 8290:1998

Foreword

The text of the International Standard ISO 8290:1987 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", 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 February 1999, and conflicting national standards shall be withdrawn at the latest by February 1999.

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

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Endorsement notice
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The text of the International Standard ISO 8290:1987 was approved by CEN as a European Standard without any modification.

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

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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.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN</u>	<u>Year</u>
ISO 3696	1987	Water for analytical laboratory use - Specification and test methods	EN ISO 3696	1995

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INTERNATIONAL
STANDARD

ISO
8290

Second edition
1998-08-01

**Vitreous and porcelain enamels —
Determination of resistance to sulfuric acid
at room temperature**

*Émaux vitrifiés — Détermination de la résistance à l'acide sulfurique
à température ambiante*

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Reference number
ISO 8290:1998(E)

ISO 8290:1998(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 8290 was prepared by Technical Committee ISO/TC 107, *Metal and other inorganic coatings*, subcommittee SC 6, *Vitreous and porcelain enamels*.

This second edition cancels and replaces the first edition (ISO 8290:1987) which has been technically revised.

Annex A of this International Standard is for information only.

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Vitreous and porcelain enamels — Determination of resistance to sulfuric acid at room temperature

1 Scope

This International Standard specifies a method of test for the determination of resistance to sulfuric acid, at room temperature, of vitreous and porcelain enamelled articles, and also specifies a method for classifying the results.

It is particularly intended for the testing of vitreous and porcelain enamelled articles that come into contact with products of combustion containing sulfuric acid.

It is not applicable to vitreous and porcelain enamels that come into contact with weak acids or hot strong acids or to vitreous and porcelain enamelled articles for use in the chemical industry.

NOTES

- 1 For testing the resistance to citric acid of vitreous and porcelain enamels at room temperature, see ISO 2722.
- 2 For testing the resistance to boiling citric acid, see ISO 2742.
- 3 For testing the resistance to condensing hydrochloric acid vapour of vitreous and porcelain enamelled surfaces of containers and equipment used in the chemical industry, see ISO 2743.

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2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this International Standard 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 648:1977, *Laboratory glassware — One-mark pipettes.*

ISO 1042:—¹⁾, *Laboratory glassware — One-mark volumetric flasks.*

ISO 2723:1995, *Vitreous and porcelain enamels for sheet steel — Production of specimens for testing.*

ISO 2724:1973, *Vitreous and porcelain enamels for cast iron — Production of specimens for testing.*

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

ISO 4788:1980, *Laboratory glassware — Graduated measuring cylinders.*

ISO 9180:1988, *Black leads for wood-cased pencils — Classification and diameters.*

1) To be published. (Revision of ISO 1042:1983)