



SLOVENSKI STANDARD SIST EN ISO 13807:2022

01-december-2022

Nadomešča:

SIST EN ISO 13807:2009

Steklasti in porcelanski emajli - Ugotavljanje temperature pokanja emajlov za kemično industrijo zaradi izpostavljenosti toplotnemu šoku (ISO 13807:2022)

Vitreous and porcelain enamels - Determination of crack formation temperature in the thermal shock testing of enamels for the chemical industry (ISO 13807:2022)

Emails und Emaillierungen - Bestimmung der Rissbildungstemperatur von Chemie-Emails beim Abschreckversuch (ISO 13807:2022)

Émaux vitrifiés - Détermination de la température de fissuration par choc thermique d'émaux pour l'industrie chimique (ISO 13807:2022)

Ta slovenski standard je istoveten z: EN ISO 13807:2022

ICS:

25.220.50	Emailne prevleke	Enamels
71.020	Proizvodnja v kemijski industriji	Production in the chemical industry

SIST EN ISO 13807:2022

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 13807

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ICS 25.220.50

Supersedes EN ISO 13807:2009

English Version

Vitreous and porcelain enamels - Determination of crack formation temperature in the thermal shock testing of enamels for the chemical industry (ISO 13807:2022)

Émaux vitrifiés - Détermination de la température de fissuration par choc thermique d'émaux pour l'industrie chimique (ISO 13807:2022)

Emails und Emailierungen - Bestimmung der Rissbildungstemperatur von Chemie-Emails beim Abschreckversuch (ISO 13807:2022)

This European Standard was approved by CEN on 22 October 2022.

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COMITÉ EUROPÉEN DE NORMALISATION
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CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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European foreword

This document (EN ISO 13807:2022) 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of an identical text or by endorsement, at the latest by May 2023, and conflicting national standards shall be withdrawn at the latest by May 2023.

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The text of ISO 13807:2022 has been approved by CEN as EN ISO 13807:2022 without any modification.

INTERNATIONAL STANDARD

ISO
13807

Second edition
2022-10

Vitreous and porcelain enamels — Determination of crack formation temperature in the thermal shock testing of enamels for the chemical industry

*Émaux vitrifiés — Détermination de la température de fissuration par
choc thermique d'émaux pour l'industrie chimique*

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ISO 13807:2022(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.

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*, 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 second edition cancels and replaces the first edition (ISO 13807:1999), which has been technically revised. It also incorporates the Technical Corrigendum ISO 13807:1999/Cor 1:2000.

The main changes are as follows:

- the normative references have been updated;
- the method for measuring coating thickness has been updated;
- the thickness requirements for the vitreous enamel coating have been updated;
- the specimen heating temperature requirements have been updated.

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.