

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

The European Standard EN ISO 8290:1998 has the status of a
British Standard

ICS 25.220.50

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National foreword

This British Standard is the English language version of EN ISO 8290:1998, including corrigendum May 1999. It supersedes BS 1344-3:1988 which is withdrawn. It is dual numbered as BS 1344-3:1998.

The UK participation in its preparation was entrusted to Technical Committee STI/36, Vitreous enamel 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 the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

BS 1344 is now published in 22 parts:

- *Part 1: Determination of resistance to thermal shock of coatings on articles other than cooking utensils and fabricated sheet steel components;*
- *Part 2: Resistance to citric acid at room temperature;*
- *Part 3: Determination of resistance to sulfuric acid at room temperature;*
- *Part 4: Resistance to abrasion (obsolescent);*
- *Part 5: Determination of resistance to hot detergent solutions used for washing textiles;*
- *Part 6: Resistance to alkali;*
- *Part 7: Determination of resistance to heat;*
- *Part 8: Determination of resistance to boiling citric acid;*
- *Part 9: Determination of resistance to boiling water and water vapour;*
- *Part 10: Determination of resistance to condensing hydrochloric acid vapour;*
- *Part 11: High voltage test for enamelled articles for service under highly corrosive conditions;*
- *Part 12: Production of specimens for testing coatings on sheet steel;*
- *Part 13: Production of specimens for testing coatings on cast iron;*
- *Part 14: Apparatus for testing with acid and neutral liquids and their vapours;*
- *Part 15: Apparatus for testing with alkaline liquids;*
- *Part 16: Resistance to thermal shock of coatings on cooking utensils;*
- *Part 17: Resistance to hot sodium hydroxide solution;*
- *Part 18: Determination of fluidity behaviour — Fusion flow test;*

This British Standard, having been prepared under the direction of the Sector Board for Materials and Chemicals, was published under the authority of the Standards Board and comes into effect on 15 October 1998

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Amendments issued since publication

Amd. No.	Date	Comments
10397 Corrigendum	December 1998	Correction of European Standard cross-reference on front cover
10658 Corrigendum	April 2000	Change identifier reference in foreword and endorsement notice from ISO 8290:1987 to ISO 8290:1998

- *Part 19: Apparatus for determination of resistance to hot detergent solutions used for washing textiles;*
- *Part 20: Low voltage test for detecting and locating defects;*
- *Part 21: Determination of the resistance of vitreous enamelled articles to impact — Pistol test;*
- *Part 22: Determination of resistance to thermal shock of coatings for fabricated sheet steel components such as burners and pan supports for cookers.*

Various steels suitable for vitreous enamelling are described in BS EN 10209 and in BS 1449-2.

A list of organizations represented on this committee can be obtained on request to its secretary.

Cross-references

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

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Summary of pages

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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.

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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.

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CEN

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

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