



SLOVENSKI STANDARD
SIST EN ISO 8840:2024

01-julij-2024

Ognjevzdržni materiali - Ugotavljanje prostorninske mase drobljenih (zrnatih) materialov (gostota zrn) (ISO 8840:2021)

Refractory materials - Determination of bulk density of granular materials (grain density) (ISO 8840:2021)

Feuerfeste Erzeugnisse - Bestimmung der Rohdichte von körnigem Gut (Korndichte) (ISO 8840:2021)

Matériaux réfractaires - Détermination de la masse volumique apparente des matériaux en grains (masse volumique des grains) (ISO 8840:2021)

Ta slovenski standard je istoveten z: EN ISO 8840:2024

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81.080 Ognjevzdržni materiali Refractories

SIST EN ISO 8840:2024

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EUROPEAN STANDARD

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NORME EUROPÉENNE

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English Version

Refractory materials - Determination of bulk density of granular materials (grain density) (ISO 8840:2021)

Matériaux réfractaires - Détermination de la masse volumique apparente des matériaux en grains (masse volumique des grains) (ISO 8840:2021)

Feuerfeste Erzeugnisse - Bestimmung der Rohdichte von körnigem Gut (Korndichte) (ISO 8840:2021)

This European Standard was approved by CEN on 26 May 2024.

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European foreword

The text of ISO 8840:2021 has been prepared by Technical Committee ISO/TC 33 "Refractories" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 8840:2024 by Technical Committee CEN/TC 187 "Refractory products and materials" 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of an identical text or by endorsement, at the latest by December 2024, and conflicting national standards shall be withdrawn at the latest by December 2024.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

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Endorsement notice

The text of ISO 8840:2021 has been approved by CEN as EN ISO 8840:2024 without any modification.

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INTERNATIONAL STANDARD

**ISO
8840**

Second edition
2021-09

Refractory materials — Determination of bulk density of granular materials (grain density)

*Matériaux réfractaires — Détermination de la masse volumique
apparente des matériaux en grains (masse volumique des grains)*

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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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For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee 33, *Refractories*.

This second edition cancels and replaces the first edition (ISO 8840:1987), which has been technically revised.

The main changes compared to the previous edition are as follows:

- a new method according to ISO 5017 has been added. It is identical to the method given in EN 993-18 with a suggested improvement to avoid the most influencing factor of the operator.

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.