

STN	Tvarované izolačné žiaruvzdorné výrobky Stanovenie trvalých dĺžkových zmien tvarovaných výrobkov v žiare (ISO 2477: 2005)	STN EN ISO 2477 72 6051
------------	--	---

Shaped insulating refractory products - Determination of permanent change in dimensions on heating (ISO 2477:2005)

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 07/25

Obsahuje: EN ISO 2477:2025, ISO 2477:2005

Oznámením tejto normy sa ruší
STN EN 1094-6 (72 6007) z januára 2002

140794

EUROPEAN STANDARD

EN ISO 2477

NORME EUROPÉENNE

EUROPÄISCHE NORM

May 2025

ICS 81.080

Supersedes EN 1094-6:1998

English Version

Shaped insulating refractory products - Determination of permanent change in dimensions on heating (ISO 2477:2005)

Produits réfractaires isolants façonnés - Détermination de la variation permanente de dimensions sous l'action de la chaleur (ISO 2477:2005)

Geformte feuerfeste Erzeugnisse für Wärmedämmzwecke - Bestimmung der bleibenden Längenänderung nach Temperatureinwirkung (ISO 2477:2005)

This European Standard was approved by CEN on 11 May 2025.

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 CEN-CENELEC Management Centre 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 CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and United Kingdom.



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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN ISO 2477:2025 (E)

Contents	Page
European foreword.....	3

European foreword

The text of ISO 2477:2005 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 2477:2025 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 November 2025, and conflicting national standards shall be withdrawn at the latest by November 2025.

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.

This document supersedes EN 1094-6:1998.

Any feedback and questions on this document should be directed to the users' national standards body. A complete listing of these bodies can be found on the CEN website.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.

Endorsement notice

The text of ISO 2477:2005 has been approved by CEN as EN ISO 2477:2025 without any modification.

INTERNATIONAL STANDARD

ISO 2477

Third edition
2005-06-15

Shaped insulating refractory products — Determination of permanent change in dimensions on heating

*Produits réfractaires isolants façonnés — Détermination de la variation
permanente de dimensions sous l'action de la chaleur*



Reference number
ISO 2477:2005(E)

© ISO 2005

ISO 2477:2005(E)**PDF disclaimer**

This PDF file may contain embedded typefaces. In accordance with Adobe's licensing policy, this file may be printed or viewed but shall not be edited unless the typefaces which are embedded are licensed to and installed on the computer performing the editing. In downloading this file, parties accept therein the responsibility of not infringing Adobe's licensing policy. The ISO Central Secretariat accepts no liability in this area.

Adobe is a trademark of Adobe Systems Incorporated.

Details of the software products used to create this PDF file can be found in the General Info relative to the file; the PDF-creation parameters were optimized for printing. Every care has been taken to ensure that the file is suitable for use by ISO member bodies. In the unlikely event that a problem relating to it is found, please inform the Central Secretariat at the address given below.

© ISO 2005

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

Published in Switzerland

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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. 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.

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

ISO 2477 was prepared by Technical Committee ISO/TC 33, *Refractories*.

This third edition cancels and replaces the second edition (ISO 2477:1987), which has been technically revised to align it with EN 1094-6. The principal changes concern

- normative references,
- terms and definitions to bring the standard into line with ISO 836, and
- revisions to clauses concerning sampling, measuring equipment, test temperature and distribution, and heating.

Shaped insulating refractory products — Determination of permanent change in dimensions on heating

1 Scope

This International Standard describes a method for determining the permanent change in dimensions on heating of a shaped insulating refractory product.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 5016, *Shaped insulating refractory products — Determination of bulk density and true porosity*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN