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Building and civil engineering sealants - Determination of change in mass and volume (ISO 10563:2023)

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. 11/23

Obsahuje: EN ISO 10563:2023, ISO 10563:2023

Oznámením tejto normy sa ruší  
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EUROPEAN STANDARD

**EN ISO 10563**

NORME EUROPÉENNE

EUROPÄISCHE NORM

July 2023

ICS 91.100.50

Supersedes EN ISO 10563:2017

English Version

**Building and civil engineering sealants - Determination of  
change in mass and volume (ISO 10563:2023)**

Mastics pour bâtiments et ouvrages de génie civil -  
Détermination des variations de masse et de volume  
(ISO 10563:2023)

Hochbau - Fugendichtstoffe - Bestimmung der  
Änderung von Masse und Volumen (ISO 10563:2023)

This European Standard was approved by CEN on 27 June 2023.

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**EN ISO 10563:2023 (E)**

<b>Contents</b>	<b>Page</b>
<b>European foreword.....</b>	<b>3</b>

## **European foreword**

This document (EN ISO 10563:2023) has been prepared by Technical Committee ISO/TC 59 "Buildings and civil engineering works" in collaboration with CCMC.

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of an identical text or by endorsement, at the latest by January 2024, and conflicting national standards shall be withdrawn at the latest by January 2024.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.

This document supersedes EN ISO 10563:2017.

Any feedback and questions on this document should be directed to the users' national standards body/national committee. 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 10563:2023 has been approved by CEN as EN ISO 10563:2023 without any modification.

# INTERNATIONAL STANDARD

# ISO 10563

Fourth edition  
2023-06

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## **Building and civil engineering sealants — Determination of change in mass and volume**

*Mastics pour bâtiments et ouvrages de génie civil — Détermination  
des variations de masse et de volume*



Reference number  
ISO 10563:2023(E)

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# Contents

Page

<b>Foreword</b> .....	<b>iv</b>
<b>1 Scope</b> .....	<b>1</b>
<b>2 Normative references</b> .....	<b>1</b>
<b>3 Terms and definitions</b> .....	<b>1</b>
<b>4 Principle</b> .....	<b>1</b>
<b>5 Apparatus and materials</b> .....	<b>1</b>
<b>6 Preparation of test specimens</b> .....	<b>2</b>
6.1 For non-sagging sealant.....	2
6.2 For self-levelling sealant.....	2
<b>7 Test procedure</b> .....	<b>3</b>
7.1 General.....	3
7.2 Preconditioning.....	3
7.3 Specific conditioning.....	3
<b>8 Calculation and expression of results</b> .....	<b>3</b>
8.1 Change in mass.....	3
8.2 Change in volume.....	4
<b>9 Test report</b> .....	<b>4</b>

## ISO 10563:2023(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](http://www.iso.org/directives)).

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. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see [www.iso.org/patents](http://www.iso.org/patents)).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

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](http://www.iso.org/iso/foreword.html).

This document was prepared by Technical Committee ISO/TC 59, *Buildings and civil engineering works*, Subcommittee SC 8, *Sealants*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/SS B02, *Structures*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This fourth edition cancels and replaces the third edition (ISO 10563:2017), of which it constitutes a minor revision. The changes are as follows:

- the title has been revised from *Buildings and civil engineering works — Sealants— Determination of change in mass and volume*;
- “mass and” has been added before “volume” twice in the note in the Scope;
- “shall be taken as the test results” has been replaced by “shall be calculated” in [8.1](#) and [8.2](#);
- the list items in [Clause 9](#) have been revised.

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](http://www.iso.org/members.html).



# Building and civil engineering sealants — Determination of change in mass and volume

## 1 Scope

This document specifies a method for the determination of the change of mass and the change of volume of self-levelling and non-sagging sealants used in joints in building construction.

NOTE This test procedure is not intended to determine the absolute maximum value of loss of mass and volume of a tested sealant, but it is an indicative measurement of the loss of mass and volume under specified parameters.

## 2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 6927, *Building and civil engineering sealants — Vocabulary*

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**