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Buildings and civil engineering works - Sealants - Determination of change in mass and volume (ISO 10563:2017)

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. 09/17

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EUROPEAN STANDARD
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EN ISO 10563

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Supersedes EN ISO 10563:2005

English Version

Buildings and civil engineering works - Sealants - Determination of change in mass and volume (ISO 10563:2017)

Bâtiments et ouvrages de génie civil - Mastics - Détermination des variations de masse et de volume (ISO 10563:2017)

Hochbau - Fugendichtstoffe - Bestimmung der Änderung von Masse und Volumen (ISO 10563:2017)

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EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

Contents

Page

European foreword

This document (EN ISO 10563:2017) has been prepared by Technical Committee ISO/TC 59 "Buildings and civil engineering works".

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of an identical text or by endorsement, at the latest by December 2017 and conflicting national standards shall be withdrawn at the latest by December 2017.

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 10563:2005.

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Endorsement notice

The text of ISO 10563:2017 has been approved by CEN as EN ISO 10563:2017 without any modification.

INTERNATIONAL STANDARD

ISO 10563

Third edition
2017-05

Buildings and civil engineering works — Sealants — Determination of change in mass and volume

Bâtiments et ouvrages de génie civil — Mastics — Détermination des variations de masse et de volume

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ISO copyright office
Ch. de Blandonnet 8 • CP 401
CH-1214 Vernier, Geneva, Switzerland
Tel. +41 22 749 01 11
Fax +41 22 749 09 47
copyright@iso.org
www.iso.org

Contents

Page

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 on 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 the following URL: 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*.

This third edition cancels and replaces the second edition (ISO 10563:2005), which has been technically revised.

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

— To include the determination of loss of volume for self- levelling sealants;

— To precise the target of the test: not intended to determine the absolute maximum value of loss of volume of a tested sealant, but it is an indicative measurement of the loss of volume under specified parameters;

— To precise the conditioning time: (28 days +/- 3 hours) at (23 +/- 2) °C & (50 +/- 10)% RH, then (7 days +/- 2 hours) at (70 +/- 2) °C;

— To precise the apparatus;

— To precise the localization of the filled rings in the oven.

INTERNATIONAL STANDARD ISO 10563:2017(E)

Buildings and civil engineering works — 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 volume of a tested sealant, but it is an indicative measurement of the loss of 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, *Buildings and civil engineering works — Sealants — Vocabulary*