



SLOVENSKI STANDARD SIST EN ISO 10591:2022

01-januar-2022

Nadomešča:
SIST EN ISO 10591:2005

Tesnilne mase za stavbe in gradbene inženirske objekte - Ugotavljanje adhezijskih/kohezijskih lastnosti po namakanju v vodi (ISO 10591:2021)

Building and civil engineering sealants - Determination of adhesion/cohesion properties of sealants after immersion in water (ISO 10591:2021)

Dichtstoffe im Hoch- und Tiefbau - Bestimmung des Haft- und Dehnverhaltens von Dichtstoffen nach dem Tauchen in Wasser (ISO 10591:2021)

Mastics pour bâtiments et ouvrages de génie civil - Détermination des propriétés d'adhésivité/cohésion des mastics après immersion dans l'eau (ISO 10591:2021)

Ta slovenski standard je istoveten z: EN ISO 10591:2021

ICS:

91.100.50 Veziva. Tesnilni materiali Binders. Sealing materials

SIST EN ISO 10591:2022

en,fr,de

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 10591

November 2021

ICS 91.100.50

Supersedes EN ISO 10591:2005

English Version

**Building and civil engineering sealants - Determination of
adhesion/cohesion properties of sealants after immersion
in water (ISO 10591:2021)**

Mastics pour bâtiments et ouvrages de génie civil -
Détermination des propriétés d'adhésivité/cohésion
des mastics après immersion dans l'eau (ISO
10591:2021)

Dichtstoffe im Hoch- und Tiefbau - Bestimmung des
Haft- und Dehnverhaltens von Dichtstoffen nach dem
Tauchen in Wasser (ISO 10591:2021)

This European Standard was approved by CEN on 17 October 2021.

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.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
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CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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European foreword

This document (EN ISO 10591:2021) has been prepared by Technical Committee ISO/TC 59 "Buildings and civil engineering works" in collaboration with Technical Committee CEN/SS B02 "Structures" the secretariat of which is held by 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 May 2022, and conflicting national standards shall be withdrawn at the latest by May 2022.

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 10591:2005.

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, Turkey and the United Kingdom.

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The text of ISO 10591:2021 has been approved by CEN as EN ISO 10591:2021 without any modification.

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INTERNATIONAL
STANDARD

ISO
10591

Third edition
2021-10

**Building and civil engineering
sealants — Determination of
adhesion/cohesion properties of
sealants after immersion in water**

*Mastics pour bâtiments et ouvrages de génie civil — Détermination
des propriétés d'adhésivité/cohésion des mastics après immersion
dans l'eau*

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CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: www.iso.org

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ISO 10591:2021(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).

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This document was prepared by Technical Committee ISO/TC 59, *Buildings and civil engineering works*, Subcommittee SC 8, *Sealant*, 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 third edition cancels and replaces the second edition (ISO 10591:2005), which has been technically revised.

The main changes are as follows:

- the title of the document has been modified;
- the range of variation of extension rate has been changed to $(5,5 \pm 0,5)$ mm/min;
- the range of variation of relative humidity has been changed to (50 ± 10) %;
- the operation sequence for the cleaning substrate materials has been added;
- the expression of results has been improved by showing a formula with descriptors.

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.