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STN	**Tesniace tmely pre stavebné konštrukcie Stanovenie priľnavosti/súdržnosti tesniacich tmelov po ponorení do vody (ISO 10591: 2021)**	**STN EN ISO 10591** 72 2349

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

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. 12/21

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Oznámením tejto normy sa ruší
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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.

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

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

Ref. No. EN ISO 10591:2021 E

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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of an identical text or by endorsement, at the latest by May 2022, and conflicting national standards shall be withdrawn at the latest by May 2022.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.

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Endorsement notice

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

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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ISO copyright office
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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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 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 ± 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.

INTERNATIONAL STANDARD ISO 10591:2021(E)

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

1 Scope

This document specifies a method for the determination of the influence of water on the adhesion/cohesion properties of sealants with predominantly plastic behaviour which are used in joints in buildings and civil engineering works.

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*

ISO 13640, *Buildings and civil engineering works — Sealants — Specifications for test substrates*