

Fugemasser til bygge- og anlægsarbejder – Bestemmelse af adhæsions- og kohæsionsegenskaber ved konstant temperatur

Building and civil engineering sealants –
Determination of adhesion/cohesion properties
at constant temperature (ISO 9046:2021)

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DS/EN ISO 9046:2021

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NORME EUROPÉENNE

EUROPÄISCHE NORM

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Supersedes EN ISO 9046:2004

English Version

Building and civil engineering sealants - Determination of adhesion/cohesion properties at constant temperature (ISO 9046:2021)

Mastics pour le bâtiment et le génie civil -
Détermination des propriétés d'adhésivité/cohésion
à température constante (ISO 9046:2021)

Dichtstoffe im Hoch- und Tiefbau - Bestimmung
des Haft- und Dehnverhaltens von Dichtstoffen
bei konstanter Temperatur (ISO 9046:2021)

This European Standard was approved by CEN on 9 November 2020.

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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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Contents

Page

European foreword	3
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European foreword

This document ([EN ISO 9046:2021](#)) 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of an identical text or by endorsement, at the latest by October 2021, and conflicting national standards shall be withdrawn at the latest by October 2021.

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.

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Endorsement notice

The text of [ISO 9046:2021](#) has been approved by CEN as [EN ISO 9046:2021](#) without any modification.

**Building and civil engineering
sealants — Determination of
adhesion/cohesion properties at
constant temperature**

*Mastics pour le bâtiment et le génie civil — Détermination des
propriétés d'adhésivité/cohésion à température constante*



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Contents

	Page
Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Principle	1
5 Apparatus	1
5.1 Substrate material.....	1
5.2 Spacers.....	1
5.3 Anti-adherent substrate.....	2
5.4 Ventilated convection-type oven.....	2
5.5 Container for water immersion.....	2
5.6 Test machine.....	2
5.7 Measuring device.....	2
6 Preparation of test specimens	2
7 Conditioning of test specimens	4
7.1 Preconditioning.....	4
7.2 Specific conditioning.....	5
8 Procedure	5
9 Test report	5

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.

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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, *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 third edition cancels and replaces the second edition ([ISO 9046:2002](http://www.iso.org/iso/9046:2002)), which has been technically revised.

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

- modified the title;
- modified the rate of test machine;
- modified the requirement of relative humidity;
- modified the anti-adherent substrate.

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.

Building and civil engineering sealants — Determination of adhesion/cohesion properties at constant temperature

1 Scope

The document specifies a method for the determination of the adhesion/cohesion properties of sealants with predominantly plastic behaviour which are used 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](#), *Buildings and civil engineering works — Sealants — Vocabulary*

[ISO 13640](#), *Buildings and civil engineering works — Sealants — Specifications for test substrates*