



SLOVENSKI STANDARD

SIST EN ISO 9047:2001

01-december-2001

BUXca Yý U
SIST ISO 9047:1996

Gradnja objektov - Tesnilne mase - Ugotavljanje adhezijskih/kohezijskih lastnosti pri spremenljivi temperaturi

Building construction - Sealants - Determination of adhesion/cohesion properties at variable temperatures (ISO 9047:1989)

Hochbau - Fugendichtstoffe - Bestimmung des Haft- und Dehnverhaltens bei unterschiedlichen Temperaturen (ISO 9047:1989)

Construction immobiliere - Mastics - Détermination des propriétés d'adhésivité/cohésion a températures variables (ISO 9047:1989)

Ta slovenski standard je istoveten z: EN ISO 9047:1997

ICS:

91.100.50 Veziva. Tesnilni materiali Binders. Sealing materials

SIST EN ISO 9047:2001 en

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ICS 91.100.50

Descriptors: see ISO document

English version

**Building construction - Sealants - Determination of
adhesion/cohesion properties at variable temperatures (ISO
9047:1989)**

Construction immobilière - Mastics - Détermination des
propriétés d'adhésivité/cohésion à températures variables
(ISO 9047:1989)

Hochbau - Fugendichtstoffe - Bestimmung des Haft- und
Dehnverhaltens bei unterschiedlichen Temperaturen (ISO
9047:1989)

This European Standard was approved by CEN on 26 September 1997.

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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

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

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

Foreword

The text of the International Standard from Technical Committee ISO/TC 59 "Building construction" of the International Organization for Standardization (ISO) has been taken over as an European Standard by the Technical Board of CEN.

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 March 1998, and conflicting national standards shall be withdrawn at the latest by March 1998.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

Endorsement notice

The text of the International Standard ISO 9047:1989 has been approved by CEN as a European Standard without any modification.

NOTE: Normative references to International Standards are listed in annex ZA (normative).

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Annex ZA (normative)
Normative references to international publications
with their relevant European publications

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN</u>	<u>Year</u>
ISO 6927	1981	Building construction - Jointing products - Sealants - Vocabulary	EN 26927	1990

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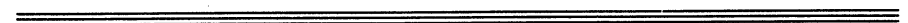
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INTERNATIONAL STANDARD

ISO 9047

First edition
1989-10-15



Building construction — Sealants — Determination of adhesion/cohesion properties at variable temperatures

iTeh *Construction immobilière — Mastics — Détermination des propriétés
d'adhésivité/cohésion à températures variables*
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SIST EN ISO 9047:2001

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Reference number
ISO 9047 : 1989 (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.

Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council. They are approved in accordance with ISO procedures requiring at least 75 % approval by the member bodies voting.

International Standard ISO 9047 was prepared by Technical Committee ISO/TC 59, *Building construction*.

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International Organization for Standardization

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Building construction — Sealants — Determination of adhesion/cohesion properties at variable temperatures

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1 Scope

This International Standard specifies a method for determining the adhesion/cohesion properties of sealants with predominantly elastic behaviour which are used in joints in building construction.

2 Normative reference

The following standard contains provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the edition indicated was valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent edition of the standard indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 6927 : 1981, *Building construction — Jointing products — Sealants — Vocabulary*.

3 Definitions

For the purposes of this International Standard, the definitions given in ISO 6927 apply.

4 Principle

Preparation of test specimens in which the sealant to be tested adheres to two parallel contact surfaces. After submission of the test specimens to extension/compression cycles under

defined conditions, recording of any breaks in adhesion or cohesion.

5 Apparatus

5.1 Concrete and/or aluminium supports, for the preparation of test specimens (two supports of the same nature are required for each test specimen), of dimensions as shown in figures 1 and 2.

5.2 Spacers, of dimensions 12 mm × 12 mm × 12,5 mm, for the preparation of test specimens (see figures 1 and 2).

5.3 Anti-adherent substrate, for the preparation of test specimens, for example polytetrafluoroethylene (PTFE) film or vellumpaper, preferably according to the indications of the sealant manufacturer.

5.4 Test machine, capable of extending the test specimens at a rate of 5 mm/min to 6 mm/min.

5.5 Refrigerated enclosure, capable of holding the test specimens during extension and capable of operating at $(-20 \pm 2) ^\circ\text{C}$.

5.6 Ventilated convection-type oven, capable of being controlled at $(70 \pm 2) ^\circ\text{C}$.

5.7 Container, for immersing test specimens in water.