EHITAMINE. TIHENDUSMATERJALID. NAKKEOMADUSTE JA NIDUSUSE MÄÄRAMINE MUUTUVAL TEMPERATUURIL

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

EESTI STANDARDIKESKUS
ESTONIAN CENTRE FOR STANDARDISATION

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN ISO 9047:2000 sisaldab Euroopa standardi EN ISO 9047:1997 ingliskeelset teksti.	This Estonian standard EVS-EN ISO 9047:2000 consists of the English text of the European standard EN ISO 9047:1997.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 24.09.1997.	Date of Availability of the European standard is 24.09.1997.
Standard on kättesaadav Eesti Standardikeskusest.	The standard is available from the Estonian Centre for Standardisation.

Tagasisidet standardi sisu kohta on võimalik edastada, kasutades EVS-i veebilehel asuvat tagasiside vormi või saates e-kirja meiliaadressile standardiosakond@evs.ee.

ICS 91.100.50

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN ISO 9047

September 1997

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.

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).

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

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 ± 2) °C.

5.6 Ventilated convection-type oven, capable of being controlled at (70 ± 2) °C.

5.7 Container, for immersing test specimens in water.