



SLOVENSKI STANDARD
SIST EN ISO 11432:2005

01-december-2005

BUXca Yý U.
SIST EN ISO 11432:2001

Gradnja objektov – Tesnilne mase – Ugotavljanje odpornosti proti pritisku (ISO 11432:2005)

Building construction - Sealants - Determination of resistance to compression (ISO 11432:2005)

Hochbau - Fugendichtstoffe - Bestimmung des Druckwiderstands (ISO 11432:2005)

Construction immobilière - Mastics - Détermination de la résistance à la compression des mastics (ISO 11432:2005)

Ta slovenski standard je istoveten z: EN ISO 11432:2005

ICS:

91.100.50 Veziva. Tesnilni materiali Binders. Sealing materials

SIST EN ISO 11432:2005 en

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 11432:2005](https://standards.iteh.ai/catalog/standards/sist/c24e7700-d220-4995-9b73-3d04726ebb95/sist-en-iso-11432-2005)

<https://standards.iteh.ai/catalog/standards/sist/c24e7700-d220-4995-9b73-3d04726ebb95/sist-en-iso-11432-2005>

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 11432

July 2005

ICS 91.100.50

Supersedes EN ISO 11432:1997

English Version

**Building construction - Sealants - Determination of resistance to
compression (ISO 11432:2005)**

Construction immobilière - Mastics - Détermination de la
résistance à la compression des mastics (ISO 11432:2005)

Hochbau - Fugendichtstoffe - Bestimmung des
Druckwiderstands (ISO 11432:2005)

This European Standard was approved by CEN on 20 June 2005.

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, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

iTeh STANDARD PREVIEW
(standards.iteh.ai)
<https://standards.iteh.ai/catalog/standards/sist/c24e7700-d220-4995-9b73-3d04726ebb95/sist-en-iso-11432-2005>



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

Management Centre: rue de Stassart, 36 B-1050 Brussels

EN ISO 11432:2005 (E)**Foreword**

This document (EN ISO 11432:2005) has been prepared by Technical Committee ISO/TC 59 "Building construction" in collaboration with CMC.

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 January 2006, and conflicting national standards shall be withdrawn at the latest by January 2006.

This document supersedes EN ISO 11432:1997.

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

Endorsement notice

The text of ISO 11432:2005 has been approved by CEN as EN ISO 11432:2005 without any modifications.

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 11432:2005](https://standards.iteh.ai/catalog/standards/sist/c24e7700-d220-4995-9b73-3d04726ebb95/sist-en-iso-11432-2005)

<https://standards.iteh.ai/catalog/standards/sist/c24e7700-d220-4995-9b73-3d04726ebb95/sist-en-iso-11432-2005>

INTERNATIONAL
STANDARD

ISO
11432

Second edition
2005-07-01

**Building construction — Sealants —
Determination of resistance to
compression**

*Construction immobilière — Mastics — Détermination de la résistance à
la compression des mastics*

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 11432:2005](https://standards.iteh.ai/catalog/standards/sist/c24e7700-d220-4995-9b73-3d04726ebb95/sist-en-iso-11432-2005)

<https://standards.iteh.ai/catalog/standards/sist/c24e7700-d220-4995-9b73-3d04726ebb95/sist-en-iso-11432-2005>



Reference number
ISO 11432:2005(E)

© ISO 2005

ISO 11432:2005(E)**PDF disclaimer**

This PDF file may contain embedded typefaces. In accordance with Adobe's licensing policy, this file may be printed or viewed but shall not be edited unless the typefaces which are embedded are licensed to and installed on the computer performing the editing. In downloading this file, parties accept therein the responsibility of not infringing Adobe's licensing policy. The ISO Central Secretariat accepts no liability in this area.

Adobe is a trademark of Adobe Systems Incorporated.

Details of the software products used to create this PDF file can be found in the General Info relative to the file; the PDF-creation parameters were optimized for printing. Every care has been taken to ensure that the file is suitable for use by ISO member bodies. In the unlikely event that a problem relating to it is found, please inform the Central Secretariat at the address given below.

iTeh STANDARD PREVIEW (standards.iteh.ai)

[SIST EN ISO 11432:2005](https://standards.iteh.ai/catalog/standards/sist/c24e7700-d220-4995-9b73-3d04726ebb95/sist-en-iso-11432-2005)

<https://standards.iteh.ai/catalog/standards/sist/c24e7700-d220-4995-9b73-3d04726ebb95/sist-en-iso-11432-2005>

© ISO 2005

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

Published in Switzerland

Contents

Page

Foreword.....	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions.....	1
4 Principle.....	1
5 Apparatus	1
6 Preparation of test specimens	2
7 Conditioning of test specimens	2
8 Test procedure	3
9 Expression of results	3
10 Test report.....	3

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 11432:2005](https://standards.iteh.ai/catalog/standards/sist/c24e7700-d220-4995-9b73-3d04726ebb95/sist-en-iso-11432-2005)

<https://standards.iteh.ai/catalog/standards/sist/c24e7700-d220-4995-9b73-3d04726ebb95/sist-en-iso-11432-2005>

ISO 11432:2005(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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 11432 was prepared by Technical Committee ISO/TC 59, *Building construction*, Subcommittee SC 8, *Joining products*.

This second edition cancels and replaces the first edition (ISO 11432:1993), Clauses 5, 6 and 7 of which have been technically revised.

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN ISO 11432:2005
<https://standards.iteh.ai/catalog/standards/sist/c24e7700-d220-4995-9b73-3d04726ebb95/sist-en-iso-11432-2005>

Building construction — Sealants — Determination of resistance to compression

1 Scope

This International Standard specifies a method for the determination of the resistance to compression of sealants used in joints in building construction.

2 Normative references

The following referenced documents are indispensable for the application 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 construction — Jointing products — Sealants — Vocabulary*

ISO 13640, *Building construction — Jointing products — Specifications for test substrates*

3 Terms and definitions

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

4 Principle

Test specimens, in which the sealant to be tested is adhered to two parallel substrate surfaces, are compressed by a defined percentage of the original width and the force recorded.

5 Apparatus

5.1 Substrate materials, used for the preparation of test specimens, are defined in ISO 13640, *Specification for test substrates*. The materials shall be selected from mortar and/or anodized aluminium and/or glass. Other substrate materials may be used as agreed by the parties concerned. For each test specimen, two substrate pieces of the same material are required; with dimensions as shown in Figures 1 and 2. Test substrates of other dimensions may be used, but then the dimensions of the sealant bead and the area of adhesion shall be the same as those shown in Figures 1 and 2.

5.2 Spacers, for the preparation of the test specimens, of cross-sections (12 mm × 12 mm) with anti-adherent surface.

5.3 Anti-adherent substrate, for the preparation of test specimens, e.g. polyethylene (PE) film, preferably according to the advice of the sealant manufacturer.

5.4 Ventilated convection-type oven, capable of operating at (70 ± 2) °C for conditioning according to method B.

5.5 Container, for water immersion of the specimen for conditioning according to method B.

5.6 Tensile test machine, capable of compressing the test specimens at a rate of (5,5 ± 0,7) mm/min.