

**SLOVENSKI STANDARD**  
**SIST EN ISO 10140-1:2010/A2:2014**  
**01-september-2014**

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**Akustika - Laboratorijsko merjenje zvočne izolirnosti gradbenih elementov - 1. del: Pravila uporabe za določene izdelke - Dopolnilo 2: Hrup zaradi dežja (ISO 10140-1:2010/Amd 2:2014)**

Acoustics - Laboratory measurement of sound insulation of building elements - Part 1: Application rules for specific products - Amendment 2: Rainfall sound (ISO 10140-1:2010/Amd 2:2014)

Akustik - Messung der Schalldämmung von Bauteilen im Prüfstand - Teil 1: Anwendungsregeln für bestimmte Produkte - Änderung 2: Regenschall (ISO 10140-1:2010/Amd 2:2014)

Acoustique - Mesurage en laboratoire de l'isolation acoustique des éléments de construction - Partie 1: Règles d'application pour produits particuliers - Amendement 2: Bruit produit par la pluie (ISO 10140-1:2010/Amd 2:2014)

**Ta slovenski standard je istoveten z: EN ISO 10140-1:2010/A2:2014**

**ICS:**

17.140.01	Akustična merjenja in blaženje hrupa na splošno	Acoustic measurements and noise abatement in general
91.060.01	Stavbni elementi na splošno	Elements of buildings in general
91.120.20	Akustika v stavbah. Zvočna izolacija	Acoustics in building. Sound insulation

**SIST EN ISO 10140-1:2010/A2:2014** en

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN ISO 10140-1:2010/A2**

May 2014

ICS 91.120.20

English Version

**Acoustics - Laboratory measurement of sound insulation of  
building elements - Part 1: Application rules for specific products  
- Amendment 2: Rainfall sound (ISO 10140-1:2010/Amd 2:2014)**

Acoustique - Mesurage en laboratoire de l'isolation  
acoustique des éléments de construction - Partie 1: Règles  
d'application pour produits particuliers - Amendement 2:  
Bruit produit par la pluie (ISO 10140-1:2010/Amd 2:2014)

Akustik - Messung der Schalldämmung von Bauteilen im  
Prüfstand - Teil 1: Anwendungsregeln für bestimmte  
Produkte - Änderung 2: Regenschall (ISO 10140-  
1:2010/Amd 2:2014)

This amendment A2 modifies the European Standard EN ISO 10140-1:2010; it was approved by CEN on 20 March 2014.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This amendment 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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COMITÉ EUROPÉEN DE NORMALISATION  
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**CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels**

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## Foreword

This document (EN ISO 10140-1:2010/A2:2014) has been prepared by Technical Committee ISO/TC 43 "Acoustics" in collaboration with the Technical Committee CEN/TC 126 "Acoustic properties of building elements and of buildings" the secretariat of which is held by AFNOR.

This Amendment to the European Standard EN ISO 10140-1:2010 shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by November 2014, and conflicting national standards shall be withdrawn at the latest by November 2014.

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

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

### Endorsement notice

The text of EN ISO 10140-1:2010/Amd 2:2014 has been approved by CEN as EN ISO 10140-1:2010/A2:2014 without any modification.

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# INTERNATIONAL STANDARD

# ISO 10140-1

First edition  
2010-09-01

**AMENDMENT 1**  
2012-02-01

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## Acoustics — Laboratory measurement of sound insulation of building elements —

Part 1:

### Application rules for specific products

AMENDMENT 1: Guidelines for the  
determination of the sound reduction index  
of joints filled with fillers and/or seals

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*SIST EN ISO 10140-1:2010/A2:2014*  
*Acoustique — Mesurage en laboratoire de l'isolation acoustique des*  
*éléments de construction —*  
*Partie 1: Règles d'application pour produits particuliers*

*AMENDEMENT 1: Lignes directrices pour la détermination de l'indice  
de réduction acoustique de joints comblés de matière de remplissage  
et/ou d'éléments d'étanchéité*



Reference number  
ISO 10140-1:2010/Amd.1:2012(E)

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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.

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.

Amendment 1 to ISO 10140-1:2010 was prepared by Technical Committee ISO/TC 43, *Acoustics*, Subcommittee SC 2, *Building acoustics*.

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# Acoustics — Laboratory measurement of sound insulation of building elements —

## Part 1: Application rules for specific products

### AMENDMENT 1: Guidelines for the determination of the sound reduction index of joints filled with fillers and/or seals

page v, Introduction

Add the following final paragraph.

Annex J has been developed for joints filled with fillers or seals.

page 1, Clause 2

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Add the date “2010” to ISO 10140-2.

page 31

<https://standards.iteh.ai/catalog/standards/sist/29efc233-52be-44f6-b50f-799fabce206f/sist-en-iso-10140-1-2010-a2-2014>

Insert Annex J, which starts on page 2, before the Bibliography.

page 32, Bibliography

Add the following entries.

- [15] EN 12354-3, *Building acoustics — Estimation of acoustic performance of buildings from the performance of elements — Part 3: Airborne sound insulation against outdoor sound*
- [16] NEN 5273, *Akoestische prestatie van kier- en naaddichting — Laboratoriummeetmethode op basis van NEN-EN-ISO 140-3* [Acoustic performance of sealing — Laboratory measurement based on EN ISO 140-3]
- [17] ERTEL, H., MECHEL, F.P. *Akustische Dichtung von Fugen durch akustisch wirksame Nebenvolumen -akustische Filter- und akustische Lippendichtungen*. [Acoustic sealing of joints by acoustically effective supplementary volumes — Acoustic filter and acoustic lip seals]. Stuttgart: Fraunhofer IRB, 1979. 37 p. (IBP Report No. BS 35/79.)
- [18] ERTEL, H. *Experimentelle Untersuchungen von akustischen Fugendichtungen — Prinziplösungen für wirksame Dichtungskonstruktionen* [Experimental investigations of acoustic joint seals — Principle of solutions for effective seal construction]. Stuttgart: Fraunhofer IRB, 1981. 44 p. (IBP Report No. BS 57/81.)
- [19] FROELICH, H., SCHUMACHER, R., SAß, B. *Konstruktionsmerkmale für schalldämmende Wohnungseingangstüren und Bürotüren aus Holz und Holzwerkstoffen — Forschungsbericht*. [Design features of sound-absorbing residential entrance doors and office doors in wood and timber materials — Research report]. Stuttgart: Fraunhofer IRB, 1996. 175 p.