



**SLOVENSKI STANDARD**  
**oSIST prEN ISO 717-2:2011**  
**01-september-2011**

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**Akustika - Vrednotenje zvočne izolirnosti v zgradbah in zvočne izolirnosti gradbenih elementov - 2. del: Izolirnost pred udarnim zvokom (ISO/DIS 717-2:2011)**

Acoustics - Rating of sound insulation in buildings and of building elements - Part 2: Impact sound insulation (ISO/DIS 717-2:2011)

Akustik - Bewertung der Schalldämmung in Gebäuden und von Bauteilen - Teil 2: Trittschalldämmung (ISO/DIS 717-2:2011)

Acoustique - Évaluation de l'isolement acoustique des immeubles et des éléments de construction - Partie 2: Protection contre le bruit de choc (ISO/DIS 717-2:2011)

**Ta slovenski standard je istoveten z: prEN ISO 717-2**

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**ICS:**

91.120.20	Akustika v stavbah. Zvočna izolacija	Acoustics in building. Sound insulation
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**en**



EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**DRAFT**  
**prEN ISO 717-2**

June 2011

ICS 91.120.20

Will supersede EN ISO 717-2:1996

English Version

## Acoustics - Rating of sound insulation in buildings and of building elements - Part 2: Impact sound insulation (ISO/DIS 717-2:2011)

Acoustique - Évaluation de l'isolement acoustique des immeubles et des éléments de construction - Partie 2: Protection contre le bruit de choc (ISO/DIS 717-2:2011)

Akustik - Bewertung der Schalldämmung in Gebäuden und von Bauteilen - Teil 2: Trittschalldämmung (ISO/DIS 717-2:2011)

This draft European Standard is submitted to CEN members for parallel enquiry. It has been drawn up by the Technical Committee CEN/TC 126.

If this draft becomes a European Standard, 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.

This draft European Standard was established by CEN 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  
EUROPÄISCHES KOMITEE FÜR NORMUNG

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## Foreword

This document (prEN ISO 717-2:2011) has been prepared by Technical Committee ISO/TC 43 "Acoustics" in collaboration with Technical Committee CEN/TC 126 "Acoustic properties of building elements and of buildings" the secretariat of which is held by AFNOR.

This document is currently submitted to the parallel Enquiry.

This document will supersede EN ISO 717-2:1996.

### Endorsement notice

The text of ISO/DIS 717-2:2011 has been approved by CEN as a prEN ISO 717-2:2011 without any modification.

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# DRAFT INTERNATIONAL STANDARD ISO/DIS 717-2

ISO/TC 43/SC 2

Secretariat: DIN

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## Acoustics — Rating of sound insulation in buildings and of building elements —

### Part 2: Impact sound insulation

*Acoustique — Évaluation de l'isolement acoustique des immeubles et des éléments de construction —  
Partie 2: Protection contre le bruit de choc*

[Revision of second edition (ISO 717-2:1996) and ISO 717-2:1996/Amd.1:2006]

ICS 91.120.20

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### ISO/CEN PARALLEL PROCESSING

This draft has been developed within the International Organization for Standardization (ISO), and processed under the **ISO-lead** mode of collaboration as defined in the Vienna Agreement.

This draft is hereby submitted to the ISO member bodies and to the CEN member bodies for a parallel five-month enquiry.

Should this draft be accepted, a final draft, established on the basis of comments received, will be submitted to a parallel two-month approval vote in ISO and formal vote in CEN.

**In accordance with the provisions of Council Resolution 15/1993 this document is circulated in the English language only.**

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## ISO/DIS 717-2

### 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 717-2 was prepared by Technical Committee ISO/TC 43, *Acoustics*, Subcommittee SC 2, *Building acoustics*.

This second edition cancels and replaces the first edition (ISO 717-2:1996, ISO 717-2:1996/A1:2006), which has been technically revised.

ISO 717 consists of the following parts, under the general title *Acoustics — Rating of sound insulation in buildings and of building elements*:

*Part 1: Airborne sound insulation*

*Part 2: Impact sound insulation*

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## Introduction

Methods of measurement of impact sound insulation in buildings and of building elements have been standardized in ISO 10140-3 and ISO 140-7. These methods give values for the impact sound insulation which are frequency dependent. The purpose of this part of ISO 717 is to standardize a method whereby the frequency-dependent values of impact sound insulation can be converted into a single number characterizing the acoustical performance.

The method has been widely used since 1968. However, since there is some evidence that it could be improved, a spectrum adaptation term is added and it is recommended to gather experience with this.

The purpose of this revised version is to

- to allow weighting steps of 0.1 dB to be used for expression of uncertainty,
- to include the existing Amendments 1 and 2 of ISO 717-2, and
- to update references.

References to standards which provide data for single-number evaluation are meant to be examples and not complete surveys.

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