



# SLOVENSKI STANDARD SIST EN ISO 717-2:2013

01-maj-2013

Nadomešča:

SIST EN ISO 717-2:1997

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**Akustika - Vrednotenje zvočne izolirnosti v stavbah in zvočne izolirnosti gradbenih elementov - 2. del: Izolirnost pred udarnim zvokom (ISO 717-2:2013)**

Acoustics - Rating of sound insulation in buildings and of building elements - Part 2: Impact sound insulation (ISO 717-2:2013)

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Akustik - Bewertung der Schalldämmung in Gebäuden und von Bauteilen - Teil 2: Trittschalldämmung (ISO 717-2:2013)

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Acoustique - Évaluation de l'isolement acoustique des immeubles et des éléments de construction - Partie 2: Protection contre le bruit de choc (ISO 717-2:2013)

**Ta slovenski standard je istoveten z: EN ISO 717-2:2013**

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**ICS:**

91.120.20	Akustika v stavbah. Zvočna izolacija	Acoustics in building. Sound insulation
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EUROPEAN STANDARD

EN ISO 717-2

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EUROPÄISCHE NORM

March 2013

ICS 91.120.20

Supersedes EN ISO 717-2:1996

English Version

## Acoustics - Rating of sound insulation in buildings and of building elements - Part 2: Impact sound insulation (ISO 717-2:2013)

Acoustique - Évaluation de l'isolement acoustique des immeubles et des éléments de construction - Partie 2: Protection contre le bruit de choc (ISO 717-2:2013)

Akustik - Bewertung der Schalldämmung in Gebäuden und von Bauteilen - Teil 2: Trittschalldämmung (ISO 717-2:2013)

This European Standard was approved by CEN on 5 January 2013.

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**Contents**

Page

Foreword.....3

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## Foreword

This document (EN ISO 717-2:2013) 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 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of an identical text or by endorsement, at the latest by September 2013, and conflicting national standards shall be withdrawn at the latest by September 2013.

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.

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INTERNATIONAL  
STANDARD

ISO  
717-2

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2013-03-01

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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 —*

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# Contents

Page

<b>Foreword</b> .....	<b>iv</b>
<b>Introduction</b> .....	<b>v</b>
<b>1 Scope</b> .....	<b>1</b>
<b>2 Normative references</b> .....	<b>1</b>
<b>3 Terms and definitions</b> .....	<b>2</b>
<b>4 Procedure for evaluating single-number quantities for impact sound insulation rating</b> .....	<b>3</b>
4.1 General.....	3
4.2 Reference values.....	3
4.3 Method of comparison.....	3
4.4 Statement of results.....	4
<b>5 Procedure for evaluating the weighted reduction in impact sound pressure level by floor coverings on bare heavy floors</b> .....	<b>5</b>
5.1 General.....	5
5.2 Reference floor.....	6
5.3 Calculation.....	6
5.4 Statement of results.....	7
<b>6 Procedure for evaluating the weighted reduction in impact sound pressure level by floor coverings on lightweight floors</b> .....	<b>7</b>
6.1 General.....	7
6.2 Reference curves for the reference lightweight floors used to calculate $\Delta L_{t,w}$ .....	8
6.3 Calculation.....	8
6.4 Statement of results.....	8
<b>Annex A (informative) Additional weighting procedure</b> .....	<b>9</b>
<b>Annex B (informative) Procedure for evaluating the equivalent weighted normalized impact sound pressure level of bare heavy floors</b> .....	<b>11</b>
<b>Annex C (informative) Examples of the evaluation of a single-number quantity</b> .....	<b>13</b>
<b>Bibliography</b> .....	<b>17</b>

## ISO 717-2:2013(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 717-2 was prepared by Technical Committee ISO/TC 43, *Acoustics*, Subcommittee SC 2, *Building acoustics*.

This third edition cancels and replaces the second edition (ISO 717-2:1996), which has been technically revised. It also incorporates the Amendment ISO 717-2:1996/Amd. 1:2006.

The purpose of this revised version is to:

- allow weighting steps of 0,1 dB to be used for expression of uncertainty;
- update references.

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 that experience be gathered with this.

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

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