

STN	Akustika Laboratórne meranie bočného prenosu zvuku šíriaceho sa vzduchom a krokovým hlukom medzi susediacimi miestnosťami Časť 4: Ostatné prípady (ISO 10848-4: 2017)	STN EN ISO 10848-4 73 0509
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Acoustics - Laboratory and field measurement of flanking transmission for airborne, impact and building service equipment sound between adjoining rooms - Part 4: Application to junctions with at least one Type A element (ISO 10848-4:2017)

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 03/18

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English Version

Acoustics - Laboratory and field measurement of flanking transmission for airborne, impact and building service equipment sound between adjoining rooms - Part 4: Application to junctions with at least one Type A element (ISO 10848-4:2017)

Acoustique - Mesurage en laboratoire et sur le terrain des transmissions latérales du bruit aérien, des bruits de choc et du bruit d'équipement technique de bâtiment entre des pièces - Partie 4: Application aux jonctions ayant au moins un élément de Type A (ISO 10848-4:2017)

Akustik - Messung der Flankenübertragung von Luftschall, Trittschall und Schall von Gebäudetechnischen Anlagen zwischen benachbarten Räumen im Prüfstand und am Bau - Teil 4: Anwendung auf Stoßstellen mit mindestens einem Typ A-Bauteil (ISO 10848-4:2017)

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EN ISO 10848-4:2017 (E)

Contents	Page
European foreword.....	3

European foreword

This document (EN ISO 10848-4:2017) 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of an identical text or by endorsement, at the latest by April 2018 and conflicting national standards shall be withdrawn at the latest by April 2018.

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

This document supersedes EN ISO 10848-4:2010.

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Endorsement notice

The text of ISO 10848-4:2017 has been approved by CEN as EN ISO 10848-4:2017 without any modification.

INTERNATIONAL STANDARD

ISO 10848-4

Second edition
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Acoustics — Laboratory and field measurement of flanking transmission for airborne, impact and building service equipment sound between adjoining rooms —

Part 4: Application to junctions with at least one Type A element

*Acoustique — Mesurage en laboratoire et sur le terrain des
transmissions latérales du bruit aérien, des bruits de choc et du bruit
d'équipement technique de bâtiment entre des pièces —*

*Partie 4: Application aux jonctions ayant au moins un élément de
Type A*



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Contents

	Page
Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Principle	2
5 Instrumentation	2
6 Test arrangement	2
6.1 Requirements for the laboratory.....	2
6.2 Requirements for a building structure in the field situation	2
6.3 Installation of the test junction.....	3
6.3.1 Type A elements.....	3
6.3.2 Type B elements.....	4
6.3.3 Transmission through structures of the test facility or building structure in the field situation.....	4
7 Test procedures	4
8 Precision	4
9 Expression of results	4
10 Test report	5
Bibliography	7

ISO 10848-4:2017(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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation on the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 43, *Acoustics*, Subcommittee SC 2, *Building acoustics*.

This second edition cancels and replaces the first edition (ISO 10848-4:2010), which has been technically revised. The main change is the extension to field measurements.

A list of all the parts in the ISO 10848 series can be found on the ISO website.

Acoustics — Laboratory and field measurement of flanking transmission for airborne, impact and building service equipment sound between adjoining rooms —

Part 4:

Application to junctions with at least one Type A element

1 Scope

ISO 10848 (all parts) specifies measurement methods to characterize the flanking transmission of one or several building components.

This document specifies laboratory and field measurements of buildings where at least one of the elements that form the construction under test is a Type A element (defined in ISO 10848-1).

Laboratory measurements are used to quantify the performance of the junction with suppressed flanking transmission from the laboratory structure. Field measurements are used to characterize the *in situ* performance and it is not usually possible to suppress unwanted flanking transmission sufficiently; hence, the results are primarily representative of the performance of that junction when installed in that particular building structure.

The measured quantities can be used to compare different products, or to express a requirement, or as input data for prediction methods, such as ISO 12354-1 and ISO 12354-2.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 10848-1:2017, *Acoustics — Laboratory and field measurement of flanking transmission for airborne, impact and building service equipment sound between adjoining rooms — Part 1: Frame document*

ISO 12999-1, *Acoustics — Determination and application of measurement uncertainties in building acoustics — Part 1: Sound insulation*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN