

# ISO 15186-1:2000, Acoustics - Measurement of sound insulation in buildings and of building elements using sound intensity - Part 1: Laboratory measurements



This part of ISO 15186 specifies a sound intensity method to determine the sound reduction index and the element-normalized level difference of building elements. The method can be used as an alternative to ISO 140-3 and ISO 140-10 respectively. One important use is when the traditional ISO 140-3 method fails because of high flanking transmission. The reproducibility of this intensity method is estimated to be equal to or better than that of ISO 140-3. This title may contain less than 24 pages of technical content.

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**Engineering Noise Control: Theory and Practice, Fourth Edition - Google Books Result** ISO 15186-1:2000, Acoustics - Measurement of sound insulation in buildings of building elements using sound intensity - Part 1: Laboratory measurements **ISO 15186-1:2000, Acoustics - Measurement of sound insulation in** Laboratory measurement of sound insulation of building elements: general procedures for airborne and impact sound insulation measurements, It is intended to update this part of ISO 10140 with application rules for other . Measurement of sound insulation in buildings and of building elements using sound intensity ? **ISO 10140-1:2016(en), Acoustics ?**

**Laboratory measurement of** Acoustics -- Measurement of sound insulation in buildings and of building elements using sound intensity -- Part 1: Laboratory measurements **Fundamentals of Sound and Vibration, Second Edition - Google Books Result** ISO 15186 consists of the following parts, under the general title Acoustics Measurement of sound insulation in buildings and of building elements using **Acoustics in building. Sound insulation - ISO** design guide on school acoustics, Building ETFE roofing in the BRE Rain Noise Laboratory. noise from lightweight roofs and roof elements on the indoor ambient project, a sound intensity probe was used to measure the radiated sound intensity in accordance with BS EN ISO .. Requests to copy any part of this. **Vibroacoustic response of panels under diffuse acoustic field** This facilitates the measurements of small and/or heavy specimens in the presence of flanking. 1. ISO 140-3:1995 (E) Acoustics, Measurement of Sound Insulation in Buildings and of Building Elements Part 3: Laboratory Measurements and of Building Elements Using Sound Intensity Part 1: Laboratory Conditions **ISO - ISO Standards - ISO/TC 43/SC 2 - Building acoustics** Acoustics -- Measurement of sound insulation in buildings and of building elements using sound intensity -- Part 2: Field measurements of ISO 15186-1, which deals with laboratory measurements with no or little flanking transmission. **GB/T 31004.1-2014: Translated English of Chinese Standard. (GBT - Google Books Result** Acoustics - Measurement of sound insulation in buildings and of building elements using

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**insulation** Number KS ISO 14155-1:2003 KS ISO 5361:1999 KS ISO: 32:1977 KS ISO 9052-1:1989 KS ISO 15186-1:2000 KSISO 2074:1972 KS ISO 1096:1999 KS ISO Kenya standard acoustics measurement of sound insulation in buildings and of building elements using sound intensity Part 1 : Laboratory measurements. **ISO 15186-1:2000(en), Acoustics ? Measurement of sound** Fahy, F. J. and Elliott, S.J. (1980) Acoustic intensity measurement of transient noise (2000) ISO 15186-1:2000: Acoustics: Measurement of Sound Insulation in Buildings and of Building Elements Using Sound Intensity. Part 1: Laboratory Measurements, International Organization for Standardization, Geneva, Switzerland.