

ISO 10848-2:2017-09 (E)

Acoustics - Laboratory and field measurement of flanking transmission for airborne, impact and building service equipment sound between adjoining rooms - Part 2: Application to Type B elements when the junction has a small influence

Contents	Page
Foreword.....	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Instrumentation	3
5 Test arrangement	3
5.1 Requirements for the laboratory.....	3
5.1.1 General.....	3
5.1.2 Construction of the test facility.....	3
5.1.3 Dimensions of the test facility.....	4
5.1.4 Dividing wall.....	4
5.1.5 Plenum height.....	4
5.1.6 Plenum lining.....	4
5.2 Installation of the test element.....	5
5.2.1 Installation of access floors.....	5
5.2.2 Installation of suspended ceilings.....	5
5.2.3 Installation of a façade.....	7
5.2.4 Installation of a partition wall.....	7
5.3 Verification procedure for a light flanking element that is structurally independent of a separating element.....	8
5.4 Shielding technique used in the case of airborne excitation.....	9
6 Test procedures	9
7 Precision	9
8 Expression of results	9
9 Test report	10
Annex A (informative) Measurement of $D_{n,f,l}$, $L_{n,f,l}$ and $L_{ne0,f,l}$ with sound intensity	11
Bibliography	12