

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