DIN EN ISO 10848-2:2018-02 (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 (ISO 10848-2:2017)

Contents

Page

European foreword ... **3**

Foreword ... **4**

1 Scope ... **5**

2 Normative references ... **5**

3 Terms and definitions ... **5**

4 Instrumentation ... **7**

5 Test arrangement ... **7**

5.1 Requirements for the laboratory ... 7

5.1.1 General ... 7

5.1.2 Construction of the test facility ... 7

5.1.3 Dimensions of the test facility ... 8

5.1.4 Dividing wall ... 8

5.1.5 Plenum height ... 8

5.1.6 Plenum lining ... 8

5.2 Installation of the test element ... 9

5.2.1 Installation of access floors ... 9

5.2.2 Installation of suspended ceilings ... 9

5.2.3 Installation of a façade ... 11

5.2.4 Installation of a partition wall ... 11

5.3 Verification procedure for a light flanking element that is structurally independent of a separating element ... 12

5.4 Shielding technique used in the case of airborne excitation ... 13

6 Test procedures ... **13**

7 Precision ... **13**

8 Expression of results ... **13**

9 Test report ... **14**

Annex A (informative) **Measurement of $D_{n,f,I}$, $L_{n,f,I}$ and $L_{ne0,f,I}$ with sound intensity** ... **15**

Bibliography ... **16**