

# 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)**

---

<b>Contents</b>		<b>Page</b>
<b>European foreword</b>		<b>3</b>
<b>Foreword</b>		<b>4</b>
<b>1</b>	<b>Scope</b>	<b>5</b>
<b>2</b>	<b>Normative references</b>	<b>5</b>
<b>3</b>	<b>Terms and definitions</b>	<b>5</b>
<b>4</b>	<b>Instrumentation</b>	<b>7</b>
<b>5</b>	<b>Test arrangement</b>	<b>7</b>
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
<b>6</b>	<b>Test procedures</b>	<b>13</b>
<b>7</b>	<b>Precision</b>	<b>13</b>
<b>8</b>	<b>Expression of results</b>	<b>13</b>
<b>9</b>	<b>Test report</b>	<b>14</b>
<b>Annex A (informative) Measurement of <math>D_{n,f,l}</math>, <math>L_{n,f,l}</math> and <math>L_{ne0,f,l}</math> with sound intensity</b>		<b>15</b>
<b>Bibliography</b>		<b>16</b>