

# DIN EN 1533:2010-12 (E)

## Wood flooring - Determination of bending strength under static load - Test methods

---

<b>Contents</b>		<b>Page</b>
Foreword .....		3
<b>1</b>	<b>Scope .....</b>	<b>4</b>
<b>2</b>	<b>Normative references .....</b>	<b>4</b>
<b>3</b>	<b>Terms and definitions .....</b>	<b>4</b>
<b>4</b>	<b>Principle .....</b>	<b>5</b>
<b>4.1</b>	<b>General .....</b>	<b>5</b>
<b>4.2</b>	<b>Static line load .....</b>	<b>5</b>
<b>4.3</b>	<b>Static point load .....</b>	<b>5</b>
<b>5</b>	<b>Apparatus .....</b>	<b>5</b>
<b>5.1</b>	<b>Measuring instrument for dimensions and deflection .....</b>	<b>5</b>
<b>5.2</b>	<b>Loading equipment .....</b>	<b>5</b>
<b>5.2.1</b>	<b>Accuracy .....</b>	<b>5</b>
<b>5.2.2</b>	<b>Static line load .....</b>	<b>5</b>
<b>5.2.3</b>	<b>Static load .....</b>	<b>5</b>
<b>5.3</b>	<b>Support .....</b>	<b>7</b>
<b>6</b>	<b>Test assembly .....</b>	<b>8</b>
<b>6.1</b>	<b>Preparation of a test assembly .....</b>	<b>8</b>
<b>6.1.1</b>	<b>General .....</b>	<b>8</b>
<b>6.1.2</b>	<b>Wood flooring of which the ends of the elements are supported by the battens .....</b>	<b>10</b>
<b>6.1.3</b>	<b>Wood flooring of which the ends of the elements are not supported by the battens .....</b>	<b>10</b>
<b>6.2</b>	<b>Sampling .....</b>	<b>10</b>
<b>6.3</b>	<b>Conditioning .....</b>	<b>10</b>
<b>7</b>	<b>Procedure .....</b>	<b>10</b>
<b>7.1</b>	<b>General .....</b>	<b>10</b>
<b>7.2</b>	<b>Placing of the test assembly .....</b>	<b>11</b>
<b>7.2.1</b>	<b>General .....</b>	<b>11</b>
<b>7.2.2</b>	<b>Static line load .....</b>	<b>11</b>
<b>7.2.3</b>	<b>Static point load .....</b>	<b>11</b>
<b>7.3</b>	<b>Determination of the maximum load for the test assembly .....</b>	<b>11</b>
<b>8</b>	<b>Expression of the results for a sample .....</b>	<b>11</b>
<b>8.1</b>	<b>Common statistical methods .....</b>	<b>11</b>
<b>8.1.1</b>	<b>Mean value .....</b>	<b>11</b>
<b>8.1.2</b>	<b>Standard deviation .....</b>	<b>11</b>
<b>8.1.3</b>	<b>Characteristic values .....</b>	<b>12</b>
<b>8.2</b>	<b>Final results .....</b>	<b>14</b>
<b>9</b>	<b>Test report .....</b>	<b>14</b>
<b>Bibliography .....</b>		<b>15</b>