

# DIN EN ISO 13894-2:2015-06 (E)

High-pressure decorative laminates - Composite elements - Part 2: Specifications for composite elements with wood-based substrates for interior use (ISO 13894-2:2005)

---

<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>Requirements .....</b>	<b>5</b>
<b>5</b>	<b>Properties .....</b>	<b>5</b>
5.1	Appearance .....	5
5.2	Dimensional tolerances .....	6
5.3	Surface bond strength .....	9
5.4	Perpendicular tensile strength .....	9
5.5	Glue-line quality .....	9
5.6	Substrate protection against water vapour (thickness swell) .....	9
5.7	Surface impact resistance .....	9
<b>Annex A (informative)</b>	<b>Optional properties .....</b>	<b>10</b>
<b>A.1</b>	<b>General .....</b>	<b>10</b>
<b>A.2</b>	<b>Resistance to axial withdrawal of wood screws (screw-holding) .....</b>	<b>10</b>
<b>A.3</b>	<b>Resistance to elevated temperature (short-term exposure) .....</b>	<b>10</b>
<b>A.4</b>	<b>Resistance to elevated temperature (long-term exposure) .....</b>	<b>10</b>
<b>A.5</b>	<b>Resistance to water vapour .....</b>	<b>11</b>
<b>A.6</b>	<b>Flexural strength/flexural modulus of elasticity .....</b>	<b>11</b>
<b>A.7</b>	<b>Continuous-load capability .....</b>	<b>12</b>
<b>A.8</b>	<b>Water resistance (edge swell) .....</b>	<b>12</b>
<b>Annex B (informative)</b>	<b>Reaction to fire .....</b>	<b>13</b>
<b>Annex C (informative)</b>	<b>Formaldehyde emission .....</b>	<b>14</b>