

# 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) Optional properties .....</b>		<b>10</b>
A.1	General .....	10
A.2	Resistance to axial withdrawal of wood screws (screw-holding) .....	10
A.3	Resistance to elevated temperature (short-term exposure) .....	10
A.4	Resistance to elevated temperature (long-term exposure) .....	10
A.5	Resistance to water vapour .....	11
A.6	Flexural strength/flexural modulus of elasticity .....	11
A.7	Continuous-load capability .....	12
A.8	Water resistance (edge swell) .....	12
<b>Annex B (informative) Reaction to fire .....</b>		<b>13</b>
<b>Annex C (informative) Formaldehyde emission .....</b>		<b>14</b>