

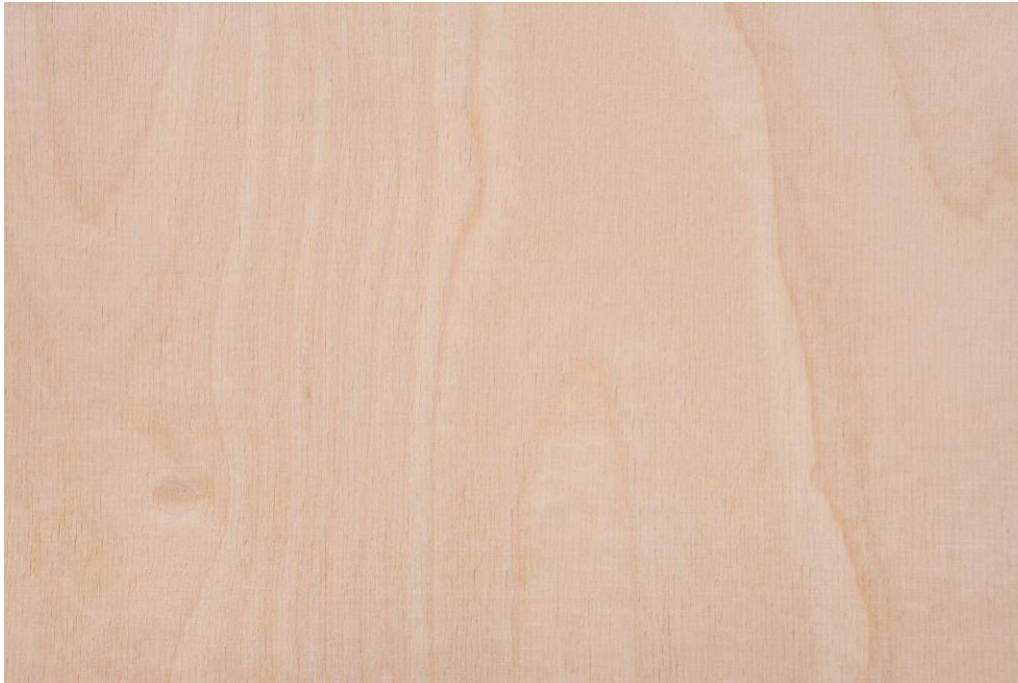
# Paged BirchPly FR

(flame retardant hardwood plywood for walls and ceilings)



<p>Flame retardant hardwood plywood with special veneer construction, fire proofed with an innovative immersion method which provides for the highest fire rating for wood based panels in construction and rolling stock industries. BirchPly FR is used as a structural component acc. to AVCP 1 of Regulation (EU) 305/2011 and as a component used on railway vehicles, which fulfils HL2, R1/R7 requirements of EN 45545-2.</p>		<p><b>KEY BENEFITS AND APPLICATIONS</b></p> <ul style="list-style-type: none"> <li>Main applications areas include: construction industry (schools, hotels, commercial buildings, etc.; rolling stock manufacturing (trams, trains, metros) and transportation (buses, coaches)</li> <li>Special construction</li> <li>Innovative fire impregnation method</li> <li>Highest fire classification for wood products</li> <li>Made in the EU from sustainably sourced wood</li> </ul>		<p><b>STANDARD SIZES* [mm]</b></p> <p>1250/1500x2500 1500x3000**</p> <p>*Other formats available on request **Format available for 12-24mm thickness</p>																																																															
<p><b>NOMINAL THICKNESS WITH STANDARD DEVIATION, NUMBER OF PLYS, DENSITY AS PER EN 315, EN 323 &amp; EN 324</b></p> <table border="1"> <thead> <tr> <th>Nominal thickness (mm)*</th> <th>Number of plies (pcs)</th> <th colspan="2">Standard deviation (mm)</th> <th>Weight (kg/m<sup>2</sup>)</th> <th>Density avg. (kg/m<sup>3</sup>)</th> </tr> </thead> <tbody> <tr> <td>6,5**</td> <td>5</td> <td>-0,6</td> <td>+0,4</td> <td>5,2</td> <td rowspan="10">720-880***</td> </tr> <tr> <td>9**</td> <td>7</td> <td>-0,7</td> <td>+0,5</td> <td>7,2</td> </tr> <tr> <td>12</td> <td>9</td> <td>-0,8</td> <td>+0,6</td> <td>9,6</td> </tr> <tr> <td>15</td> <td>11</td> <td>-0,9</td> <td>+0,7</td> <td>12</td> </tr> <tr> <td>18</td> <td>13</td> <td>-0,9</td> <td>+0,7</td> <td>14,4</td> </tr> <tr> <td>21</td> <td>15</td> <td>-1,0</td> <td>+0,8</td> <td>16,8</td> </tr> <tr> <td>24</td> <td>17</td> <td>-1,1</td> <td>+0,9</td> <td>19,2</td> </tr> <tr> <td>27</td> <td>19</td> <td>-1,8</td> <td>+1,4</td> <td>21,6</td> </tr> <tr> <td>30</td> <td>21</td> <td>-1,9</td> <td>+1,5</td> <td>24</td> </tr> </tbody> </table> <p>*Other thicknesses available upon request **Non structural and B-s2, d0 ***As measured at 8-12% moisture content</p>						Nominal thickness (mm)*	Number of plies (pcs)	Standard deviation (mm)		Weight (kg/m <sup>2</sup> )	Density avg. (kg/m <sup>3</sup> )	6,5**	5	-0,6	+0,4	5,2	720-880***	9**	7	-0,7	+0,5	7,2	12	9	-0,8	+0,6	9,6	15	11	-0,9	+0,7	12	18	13	-0,9	+0,7	14,4	21	15	-1,0	+0,8	16,8	24	17	-1,1	+0,9	19,2	27	19	-1,8	+1,4	21,6	30	21	-1,9	+1,5	24	<p><b>DIMENSIONAL DEVIATION AS PER EN 315 &amp; EN 324</b></p> <table border="1"> <thead> <tr> <th>Length / Width</th> <th>Deviation</th> </tr> </thead> <tbody> <tr> <td>&lt; 1000 mm</td> <td>± 1 mm</td> </tr> <tr> <td>1000 – 2000 mm</td> <td>± 2 mm</td> </tr> <tr> <td>&gt; 2000 mm</td> <td>± 3 mm</td> </tr> </tbody> </table>		Length / Width	Deviation	< 1000 mm	± 1 mm	1000 – 2000 mm	± 2 mm	> 2000 mm	± 3 mm
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<p><b>RELEASE OF FORMALDEHYDE (EN 717-1)</b> ½ E1</p>						<p><b>BONDING QUALITY (EN 314-2)</b> Class 3</p>		<p><b>FIRE CLASSIFICATION (EN 13501-1 / EN 45545-2)</b> B-s1, d0 <b>B-s2, d0 (6,5 &amp; 9mm)</b> R1/R7 (HL2)</p>		<p><b>MACHINING</b> Edge machining, CNC machining and drilling on request</p>		<p><b>ADDITIONAL INFORMATION</b></p> <ol style="list-style-type: none"> <li>General Terms of Sales available from <a href="https://skleikapaged.pl/en/home-page/">https://skleikapaged.pl/en/home-page/</a></li> <li>Declaration of Performance available from <a href="https://skleikapaged.pl/en/produkty/paged-birchply-fr-3/">https://skleikapaged.pl/en/produkty/paged-birchply-fr-3/</a></li> <li>Face veneer qualities according to EN 635-2 available from <a href="https://skleikapaged.pl/en/downloads/">https://skleikapaged.pl/en/downloads/</a></li> </ol>																																																							
<p><b>THE PRODUCT IS SUITABLE FOR LAMINATING OR VENEERING</b> <b>Recommended adhesive:</b> melamine urea formaldehyde resin (MUF). <b>The recommended amount of glue:</b> 100g/m<sup>2</sup>, but it depends on the type of coating, supplier of glue and used equipment to overlap. When using a different type of adhesive, adhesion tests should be performed on a small surface of plywood.</p>																																																																			

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