

# Paged BirchPly FR<sub>fl</sub>

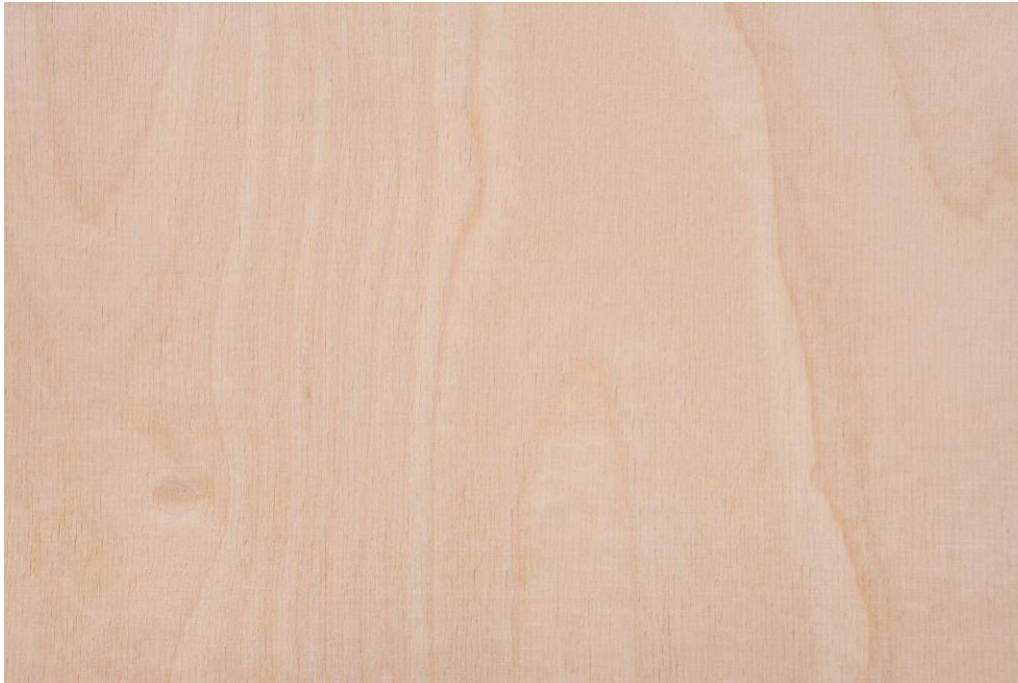
(flame retardant hardwood plywood for floors)



The mark of responsible forestry

<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. Paged BirchPly FR<sub>fl</sub> is used as a structural component acc. to AVCP 2+ of Regulation (EU) 305/2011 and as a component used on railway vehicles, which fulfils HL3, R10 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>Easy to machine and fasten</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> 1250/1500x2500 1500x3000</p> <p>*Other formats available on request</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>9</td><td>7</td><td>-0,7</td><td>+0,5</td><td>6,3</td><td rowspan="12">640-760**</td></tr> <tr><td>12</td><td>9</td><td>-0,8</td><td>+0,6</td><td>8,4</td></tr> <tr><td>15</td><td>11</td><td>-0,9</td><td>+0,7</td><td>10,5</td></tr> <tr><td>18</td><td>13</td><td>-0,9</td><td>+0,7</td><td>12,6</td></tr> <tr><td>21</td><td>15</td><td>-1,0</td><td>+0,8</td><td>14,7</td></tr> <tr><td>24</td><td>17</td><td>-1,1</td><td>+0,9</td><td>16,8</td></tr> <tr><td>27</td><td>19</td><td>-1,8</td><td>+1,4</td><td>18,9</td></tr> <tr><td>30</td><td>21</td><td>-1,9</td><td>+1,5</td><td>21</td></tr> <tr><td>35</td><td>25</td><td>-1,5</td><td>+1,1</td><td>24,5</td></tr> <tr><td>40</td><td>27</td><td>-1,6</td><td>+1,2</td><td>28</td></tr> <tr><td>45</td><td>31</td><td>-1,8</td><td>+1,4</td><td>31,5</td></tr> </tbody> </table> <p>*Other thicknesses available upon request. 35-45mm Bfl-s1 only. **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> )	9	7	-0,7	+0,5	6,3	640-760**	12	9	-0,8	+0,6	8,4	15	11	-0,9	+0,7	10,5	18	13	-0,9	+0,7	12,6	21	15	-1,0	+0,8	14,7	24	17	-1,1	+0,9	16,8	27	19	-1,8	+1,4	18,9	30	21	-1,9	+1,5	21	35	25	-1,5	+1,1	24,5	40	27	-1,6	+1,2	28	45	31	-1,8	+1,4	31,5
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<p><b>RELEASE OF FORMALDEHYDE (EN 717-1)</b></p> <p>½ E1</p>	<p><b>BONDING QUALITY (EN 314-2)</b></p> <p>Class 3</p>	<p><b>FIRE CLASSIFICATION (EN 13501-1 / EN 45545-2)</b></p> <p>Bfl-s1 R10 (HL3)</p>	<p><b>MACHINING</b></p> <p>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://sklejkapaged.pl/en/home-page/">https://sklejkapaged.pl/en/home-page/</a></li> <li>Declaration of Performance available from <a href="https://sklejkapaged.pl/en/produkty/paged-birchply-fr-3/">https://sklejkapaged.pl/en/produkty/paged-birchply-fr-3/</a></li> <li>Face veneer qualities according to EN 635-2 available from <a href="https://sklejkapaged.pl/en/downloads/">https://sklejkapaged.pl/en/downloads/</a></li> </ol>																																																															

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